

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

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GOVERNOR

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JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

10/29/2011

Erik Bennett
Assistant District Attorney, Suffolk County

Dear ADA Bennett,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Nicole Medina.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Nicole Medina was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".
Annie Dookhan
Chemist
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6622

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.
University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- *Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
- *Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.
- *Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.
- *Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
- *Maintenance and repairs of all analytical instruments.
- *Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
- *Oversee the Quality Control/Quality Assurance program for the Drug Lab.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.
- *Notary Public.
- *Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- *Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.
- *Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs).
- *Trained and supervised new chemists and interns for the department.
- *Routine QC testing of products for the FDA.
- *Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
- *Calibration, preventive maintenance, QC and QA of analytical instrumentation.
- *Complete testing of chemicals for Vendor Validation Project for the FDA.
- *Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)
GLP/GMP training with Massachusetts Biologic Laboratory.
QC/QA training according to FDA Codes and Regulations.
GC and GC/MS trainings with Agilent Technologies and Restek.
HPLC and LC/MS/MS trainings with Waters Cooperation.
FTIR training with Spectros.
TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)
Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Nicole E. Medina

Education

Bachelor of Science, Chemistry (1995)
Emmanuel College, Boston, MA
Research Project: (1994)
In-Vivo Mapping of Cocaine Metabolites in Biological Fluids
Conducted at Massachusetts State Police Crime Lab, Toxicology Department

Employment

Chemist II State Laboratory Institute (March 2008-Present)
Massachusetts Department of Public Health
Drug Analysis Laboratory
➤ Responsible for the identification of substances and trafficking substances to determine violation of the Massachusetts drug laws
➤ Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
➤ Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2004-March 2008)
Massachusetts Department of Public Health
Drug Analysis Laboratory
➤ Responsible for the identification of substance to determine violation of the Massachusetts drug laws
➤ Operate analytical instrumentation, microscopes and balances for forensic drug analysis
➤ Successfully completed an eight week training in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
➤ Appointed assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate (September 2001 – October 2004)
Wolfe Laboratories, Newton & Watertown, MA

Laboratory Technician (January 1996 - April 1997)
Gillette, Boston, MA

Boston Police

DEPARTMENT

DRUG RECEIPT

CC #

BOOK # 31

PAGE # 30

DESTRUCTION #

District/Unit A7/DCU

Name & Rank of Arresting Officer Sgt Det. Colon

ID# 10948

DEFENDANT'S NAME

ADDRESS

CITY

STATE

Revere

Ma.

Salem

NH

LAB USE ONLY

DESCRIPTION OF ITEMS SUBMITTED

GROSS QUANTITY

GROSS WEIGHT

ANALYSIS NUMBER

Oxycontin 5 (OP 80)

3 tablets

2.55g

Oxycontin 5 (OP 40)

2 tablets
3 pills with broken part

1.94g

Suboxone

4 tablets

5.12g

Clonazepam

10 tablets or half tablets

3.64g

Alprazolam

9 tablets 2 1/2 tablets

4.12g

Alprazolam

1 tablet

1.81g

To be completed by ECU personnel only

Name and Rank of Submitting Officer

Received by

Date

9320

4-6-11

ECU Control #

Prelim: C
longue

Findings: Clonazepam

Prelim: C

Findings: Alprazolam

No. [REDACTED] Date Analyzed: 06-13-11
City: Boston D.C.U. Police Dept.
Officer: P.O. Diana Lopez
Def: [REDACTED]

Amount: 10.0 Subst: tablet/brik
No. Cont: 1 Cont: pb
Date Rec'd: 04/06/2011 No. Analyzed:
Gross Wt: 3.64 Net Weight:
Tests: 1 A S D
2 N E M

No. [REDACTED] Date Analyzed: 06/29/11
City: Boston D.C.U. Police Dept.
Officer: P.O. Diana Lopez
Def: [REDACTED]

Amount: 3.0 Subst: TAB
No. Cont: 1 Cont: pb
Date Rec'd: 04/06/2011 No. Analyzed:
Gross Wt.: 2.55 Net Weight: 0.77
Tests: 1 A S D
2 N E M

Prelim: Oxycodone B Findings: Oxycodone

No. [REDACTED] Date Analyzed: 06/29/11
City: Boston D.C.U. Police Dept.
Officer: P.O. Diana Lopez
Def: [REDACTED]

Amount: 2.0 Subst: TAB
No. Cont: 1 Cont: pb
Date Rec'd: 04/06/2011 No. Analyzed:
Gross Wt.: 1.94 Net Weight: 0.31
Tests: 1 A S D
2 N E M

Prelim: Oxy codone B Findings: Oxycodone

No. [REDACTED] Date Analyzed: 06/29/11
City: Boston D.C.U. Police Dept.
Officer: P.O. Diana Lopez
Def: [REDACTED]

Amount: 3.0 Subst: TAB
No. Cont: 1 Cont: pb
Date Rec'd: 04/06/2011 No. Analyzed:
Gross Wt.: 5.12 Net Weight: 1.54
Tests: 1 A S D
2 N E M

Prelim: Buprenorphine B Findings: Buprenorphine

No. [REDACTED] Date Analyzed: 06-21-11

City: Boston D.C.U. Police Dept.

Officer: P.O. Diana Lopez

Def: [REDACTED]

Amount: 1.0 Subst: TAB

No. Cont: 1 Cont: pb

Date Rec'd: 04/06/2011

No. Analyzed:

Gross Wt.: 1.81

Net Weight:

Tests: 19 +
ASO

Prelim: C

Findings: Alprazolam

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST AS?

No. of samples tested: _____ Evidence Wt: _____

PHYSICAL DESCRIPTION: Gross Wt (): _____

3 open vials & tablets
~7.0g

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 0.7722

(OP) (PO)

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Marquis _____

Froehde's _____

Mecke's _____

Microcrystalline Tests

Gold
Chloride _____

TLTA ()

OTHER TESTS

monosac A (T)

PRELIMINARY TEST RESULTS

RESULTS oxydolone

DATE 6/21/11

GC/MS CONFIRMATORY TEST

RESULTS oxydolone

MS
OPERATOR Mcm

DATE 6-29-11

Drug Information

DRUG NAME: OXYCONTIN

INGREDIENTS: OXYCODONE HYDROCHLORIDE - 80 MG

Color: Green

Shape: Circle

Imprint: OP The tablet is debossed with OP on one side and 80 on the other. , 80

Form: Oral Tablet, Extended Release

Available-Container-Size: Strip of 20 , Bottle of 100

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding Combination Products with Acetaminophen or Acetylsalicylic Acid)

NDC: 59011-0480-20
59011-0480-10

Excipients: Hypromellose ; PEG-400 ; Polyethylene Oxide ; Magnesium Stearate ; Titanium Dioxide ; Hydroxypropyl Cellulose ; Ferric Oxide, Yellow ; FD&C Blue No. 2/Indigo Carmine Aluminum Lake ; Butylated Hydroxytoluene

Regulatory Status: Schedule II

Availability: United States

Product ID: 7090395

Contact: Purdue Pharma

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DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST P27

No. of samples tested: _____ Evidence Wt: _____

PHYSICAL DESCRIPTION: Gross Wt (): _____

2 yellow rectangular tablets

Gross Wt (): _____

11 - P2

Pkg. Wt: _____

OP

40

Net Wt: 0.3114

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Microcrystalline Tests

Gold
Chloride _____

Marquis _____

TLTA ()

Froehde's _____

OTHER TESTS

Mecke's _____

Mondes A & B

PRELIMINARY TEST RESULTS

RESULTS Oxycodeone

DATE 6-21-11

GC/MS CONFIRMATORY TEST

RESULTS Oxycodeone

MS
OPERATOR mem

DATE 6-24-11

Drug Information

DRUG NAME: OXYCONTIN

INGREDIENTS: OXYCODONE HYDROCHLORIDE -- 40 MG

Color: Yellow

NDC: 59011-0440-10
59011-0440-20

Shape: Circle

Excipients: Butylated Hydroxytoluene ; Hypromellose ; PEG-400 ; Polyethylene Oxide ; Magnesium Stearate ; Titanium Dioxide ; Polysorbate 80 ; Ferric Oxide, Yellow

Imprint: OP The tablet is debossed with OP on one side and 40 on the other. , 40

Regulatory Status: Schedule II

Form: Oral Tablet, Extended Release

Availability: United States

Available-Container-Size: Bottle of 100 , Strip of 20

Product ID: 7090436

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding Combination Products with Acetaminophen or Acetylsalicylic Acid)

Contact: Purdue Pharma

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DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST QD7

No. of samples tested: _____ Evidence Wt: _____

PHYSICAL DESCRIPTION: Gross Wt (): _____

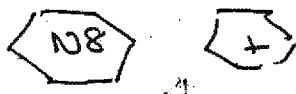
3 orange hexagonal tablets
Gross Wt (): _____

11.41

Pkg. Wt: _____

(bottled)

Net Wt: 1.5415



PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Marquis _____

Froehde's _____

Mecke's _____

Microcrystalline Tests

Gold
Chloride _____

TLTA ()

OTHER TESTS

Mirrored & IR

PRELIMINARY TEST RESULTS

RESULTS Buprenorphine

DATE 6-21-11

GC/MS CONFIRMATORY TEST

RESULTS Buprenorphine

MS
OPERATOR Nem

DATE 6-29-11

Drug Information

DRUG NAME: SUBOXONE TABLET

INGREDIENTS: BUPRENORPHINE -- 8 MG
NALOXONE -- 2 MG

Color: orange

NDC: 12496-1306-02

Shape: Six-sided

Regulatory Status: Schedule III

Imprint: N8 Sword Logo

Availability: United States

Form: Sublingual Tablet

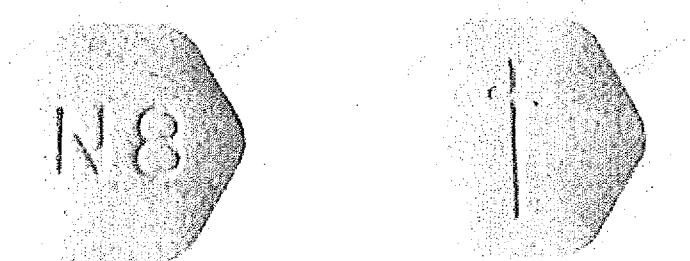
Product ID: 6370996

Available-Container-Size: Bottle of 30

Contact: Reckitt Benckiser

AAPCC Code: 200625 -
Buprenorphine

Pharmaceuticals



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DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST ASJ

No. of samples tested: _____ Evidence Wt: _____

PHYSICAL DESCRIPTION: Gross Wt (): _____

10 white round tablet

Gross Wt (): _____

~ 4g

Pkg. Wt: _____

(broken tablet)

Net Wt: 1.8842



PRELIMINARY TESTS

Spot Tests

Cobalt Thiocyanate ()

Microcrystalline Tests

Gold Chloride _____

Marquis _____

TLTA ()

Froehde's _____

OTHER TESTS

Mecke's _____

Murad A (R) _____

PRELIMINARY TEST RESULTS

RESULTS clonazepam

DATE 6-21-11

GC/MS CONFIRMATORY TEST

RESULTS clonazepam

MS
OPERATOR bdm

DATE 6-29-11

Drug Information

DRUG NAME: CLONAZEPAM

INGREDIENTS: CLONAZEPAM -- 2 MG

Color: White to Off-White

Shape: Circle

Imprint: 93 - 834 This tablet is debossed with 93 - 834 on the unscored side.

Form: Oral Tablet

Available-Container-Size: Inner Pack , Strip of 100 , Bottle of 500 , Bottle of 100

AAPCC Code: 007000 - Benzodiazepines

NDC: 00093-0834-19
00093-0834-93

Excipients: Magnesium Stearate ; Cellulose, Microcrystalline ; Povidone ; Water, Purified ; Starch, Corn ; Lactose (Monohydrate)

Regulatory Status: Schedule IV

Availability: United States

Product ID: 5575547

Contact: Teva Pharmaceuticals

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DRUG POWDER ANALYSIS FORM

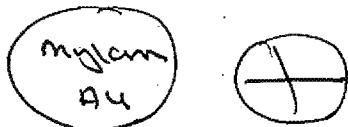
SAMPLE # [REDACTED] AGENCY Boston ANALYST AD?

No. of samples tested: _____ Evidence Wt. _____

PHYSICAL DESCRIPTION: Gross Wt (): _____

9 white rectangular
in 1pb
(broken tablet)

Gross Wt (): _____
Pkg. Wt: _____
Net Wt: 2.31142



PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Marquis _____

Froehde's _____

Mecke's _____

Microcrystalline Tests

Gold
Chloride _____

TLTA ()

OTHER TESTS

Mitomycin C (R)

PRELIMINARY TEST RESULTS

RESULTS Alprazolam

DATE 6-21-11

GC/MS CONFIRMATORY TEST

RESULTS _____

MS
OPERATOR _____

DATE _____

Drug Information

DRUG NAME: ALPRAZOLAM

INGREDIENTS: ALPRAZOLAM -- 2 MG

Color: White

NDC: 0378-4007-01

Shape: Circle

Excipients: Lactose
(Monohydrate) ; Magnesium
Stearate ; Cellulose,
Microcrystalline ; Sodium
Benzzoate ; Sodium Lauryl
Sulfate ; Silicon Dioxide,
Colloidal ; Croscarmellose
Sodium ; Docusate Sodium

Imprint: MYLAN A4 This tablet is
debossed with MYLAN over A4 on one
side of the tablet and quadrisept scored
on the other side.

Regulatory Status: Schedule IV

Form: Oral Tablet

Availability: United States

Available-Container-Size: Bottle of
100

Product ID: 5325968

AAPCC Code: 007000 -
Benzodiazepines

Contact: Mylan Pharmaceuticals

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DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY BOS ANALYST ABP

No. of samples tested: _____ Evidence Wt. _____

PHYSICAL DESCRIPTION: Gross Wt () : _____

blue oval tablet

Gross Wt () : _____

11-18

Pkg. Wt: _____

2089
ir

1

Net Wt: 0.1294

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Microcrystalline Tests

Gold
Chloride _____

Marquis _____

TLTA () _____

Froehde's _____

OTHER TESTS

Mecke's _____

Micromeric A (P)

PRELIMINARY TEST RESULTS

RESULTS Aleprazolam

DATE 6.21.11

GC/MS CONFIRMATORY TEST

RESULTS _____

MS
OPERATOR _____

DATE _____

Drug Information

DRUG NAME: ALPRAZOLAM

INGREDIENTS: ALPRAZOLAM -- 1 MG

Color: Blue

NDC: 0603-2129-28
0603-2129-32
0603-2129-21

Shape: Oval
Imprint: 2089 V The tablet is debossed with 2089 over V on one side and scored on the reverse side.

UPC: 06032-12928
06032-12932
06032-12921

Form: Oral Tablet

Excipients: Docusate Sodium ; Lactose (Monohydrate) ; Magnesium Stearate ; Cellulose, Microcrystalline ; Sodium Benzoate ; Sodium Starch Glycolate ; FD&C Blue No. 1 Aluminum Lake ; Silicon Dioxide, Colloidal

Available-Container-Size: Bottle of 100 , Bottle of 10 , Bottle of 500 , Bottle of 120 , Bottle of 30 , Bottle of 60 , Bottle of 90 , Bottle of 1000

Regulatory Status: Schedule IV

AAPCC Code: 007000 - Benzodiazepines

Availability: United States

Product ID: 6987139

Contact: Qualitest Pharmaceuticals

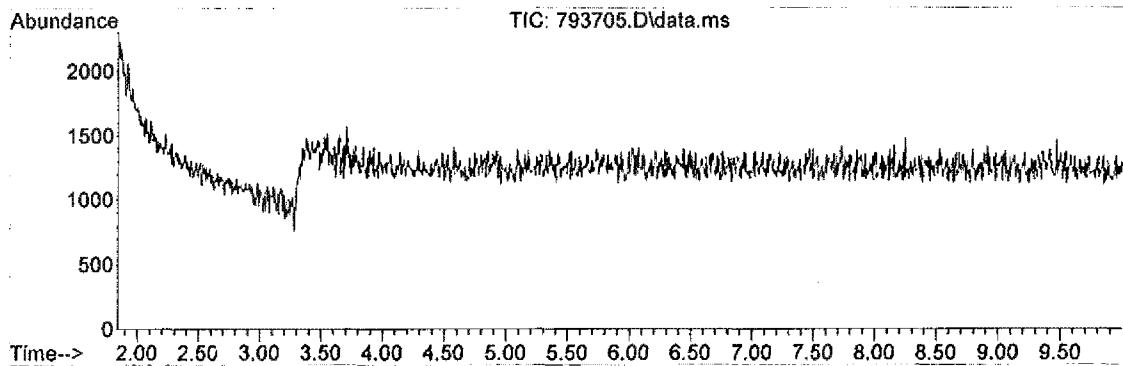
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10-27-11

NEM ✓

Information from Data File:

File Name : K:\06_27_11\793705.D
Operator : NEM
Date Acquired : 27 Jun 2011 15:59
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



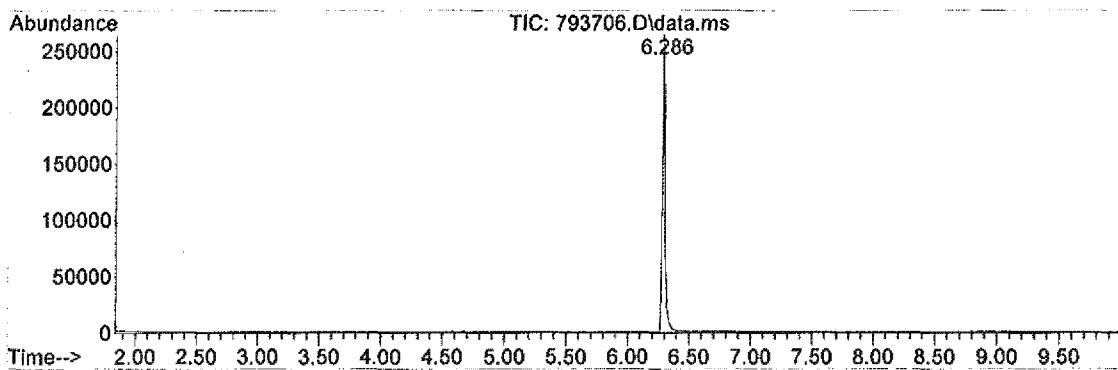
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793706.D
Operator : NEM
Date Acquired : 27 Jun 2011 16:13
Sample Name : OXYCODONE STD
Submitted by :
Vial Number : 6
AcquisitionMeth: DRUGS.M
Integrator : RTE



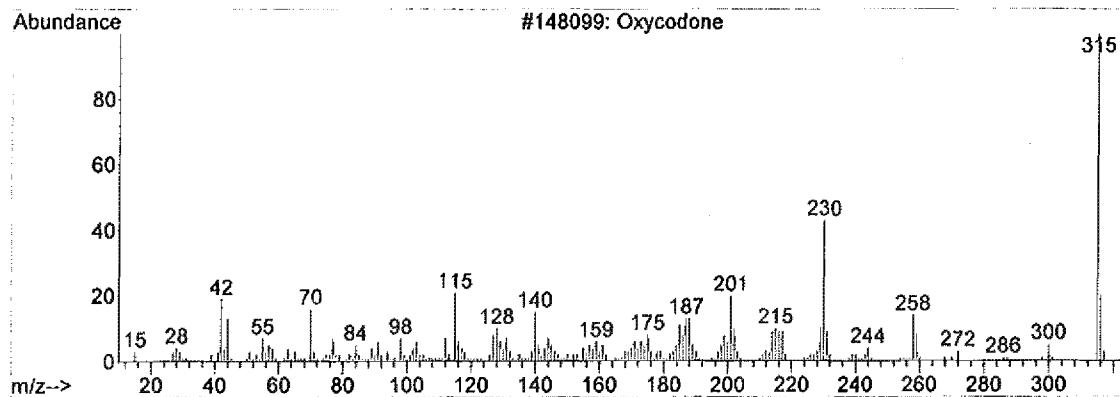
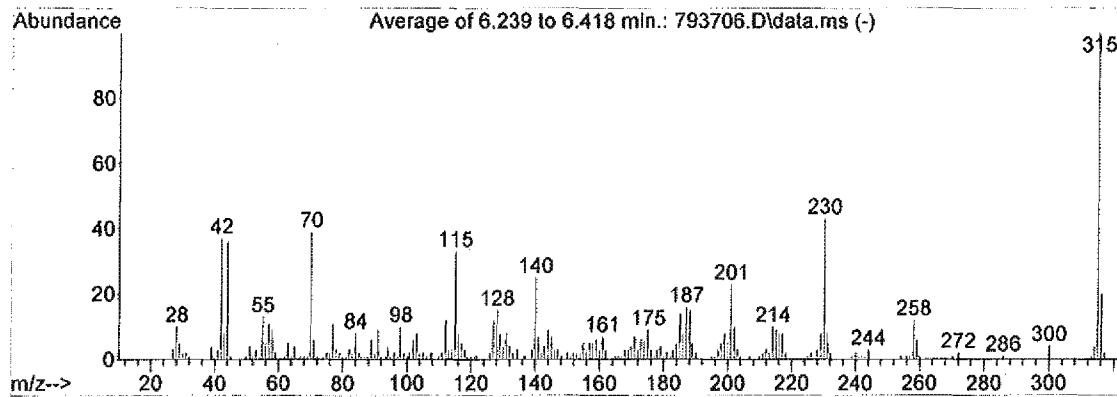
Ret. Time	Area	Area %	Ratio %
6.286	390086	100.00	100.00

Information from Data File:

File Name : K:\06_27_11\793706.D
Operator : NEM
Date Acquired : 27 Jun 2011 16:13
Sample Name : OXYCODONE STD
Submitted by :
Vial Number : 6
AcquisitionMeth: DRUGS.M
Integrator : RTE

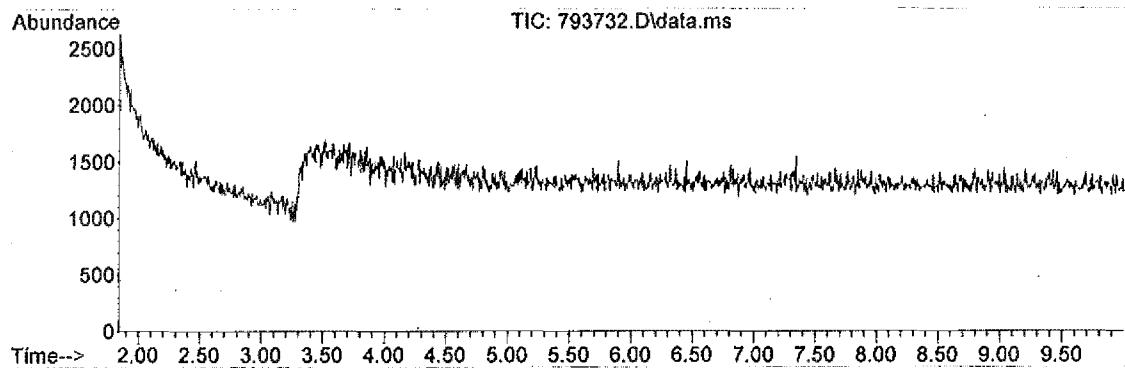
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.29	C:\Database\NIST08.L		
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99



Information from Data File:

File Name : K:\06_27_11\793732.D
Operator : NEM
Date Acquired : 27 Jun 2011 21:51
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



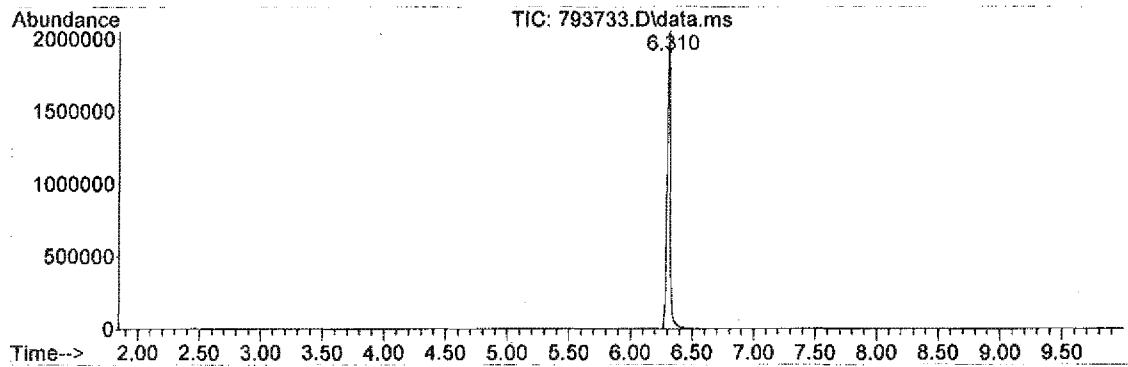
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793733.D
Operator : NEM
Date Acquired : 27 Jun 2011 22:04
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 33
AcquisitionMeth: DRUGS.M
Integrator : RTE



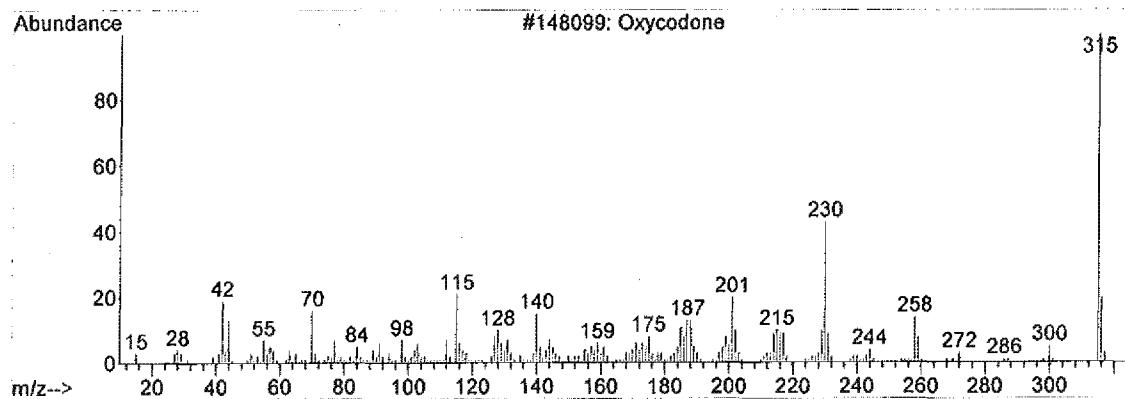
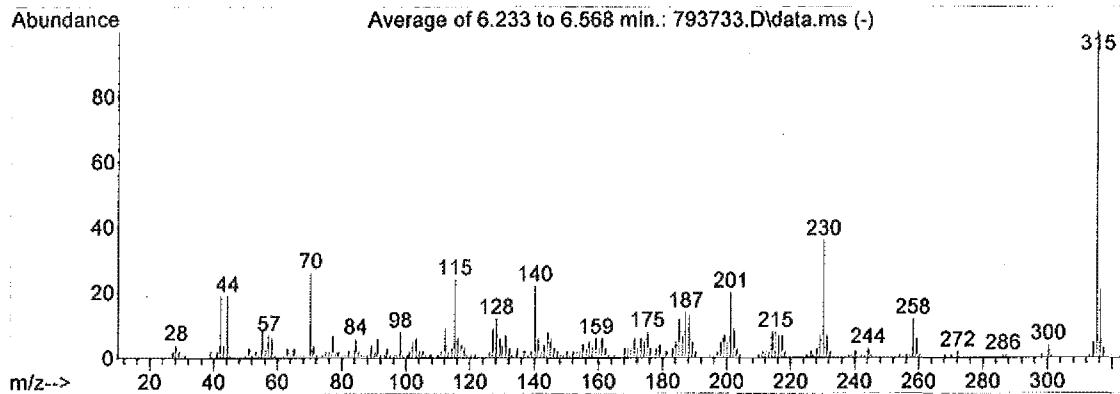
Ret. Time	Area	Area %	Ratio %
6.310	3706163	100.00	100.00

Information from Data File:

File Name : K:\06_27_11\793733.D
 Operator : NEM
 Date Acquired : 27 Jun 2011 22:04
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 33
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

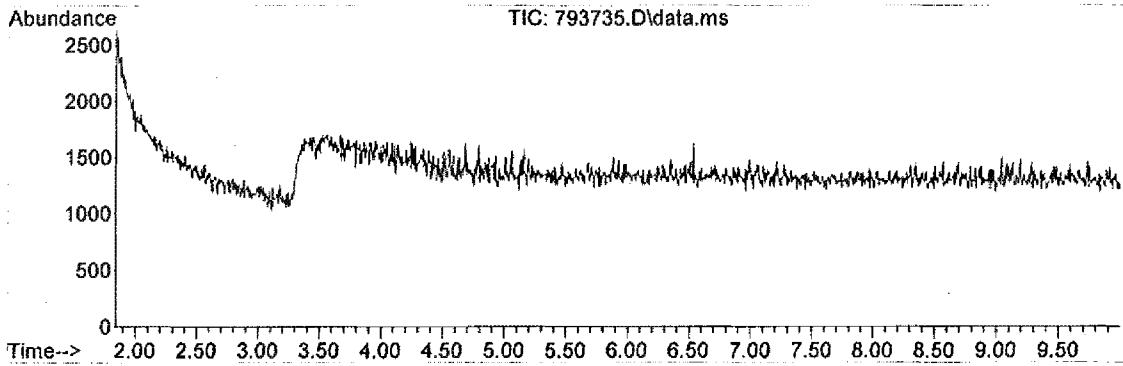
PK#	RT	Library/ID	CAS#	Qual
1	6.31	C:\Database\NIST08.L		
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99



Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793735.D
Operator : NEM
Date Acquired : 27 Jun 2011 22:30
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



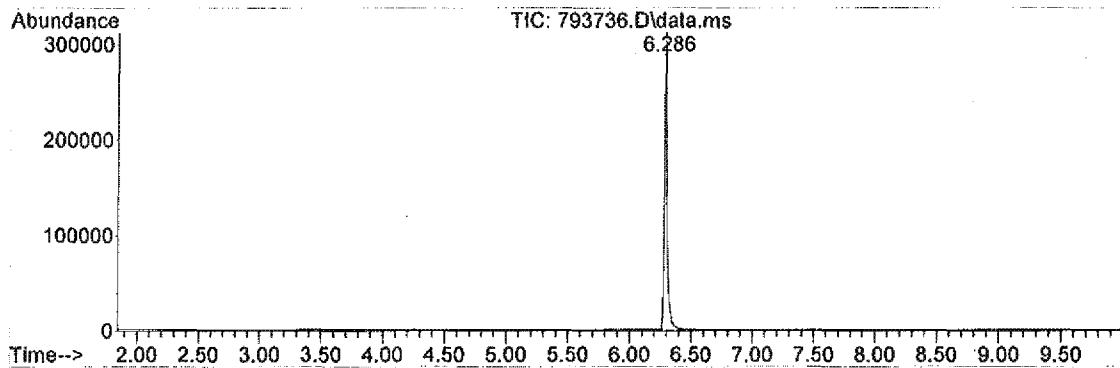
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793736.D
Operator : NEM
Date Acquired : 27 Jun 2011 22:43
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 36
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.286	471837	100.00	100.00

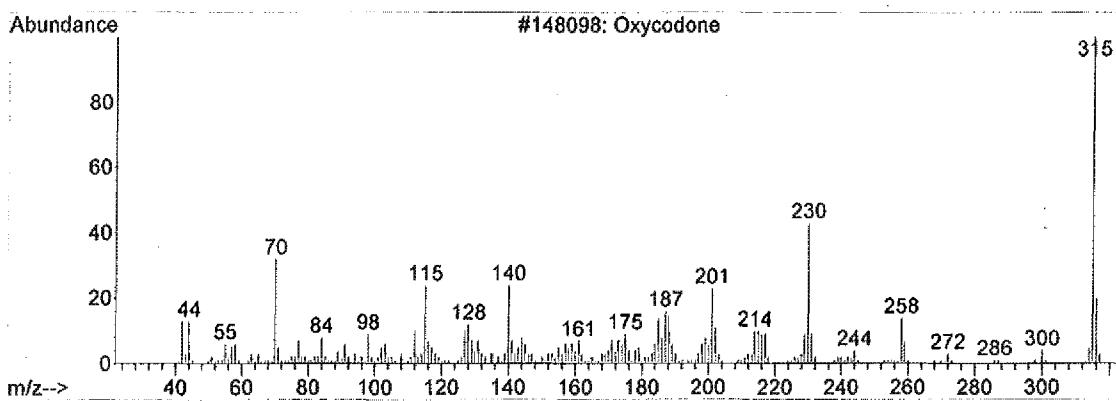
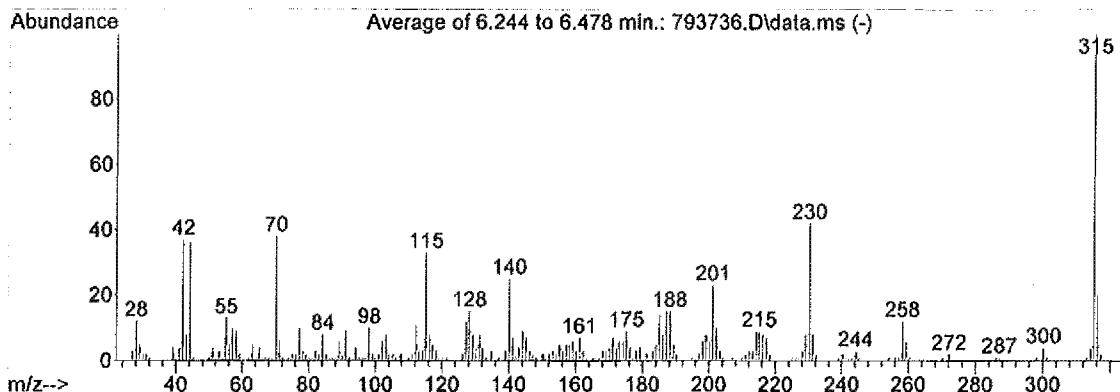
Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793736.D
Operator : NEM
Date Acquired : 27 Jun 2011 22:43
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 36
AcquisitionMeth: DRUGS.M
Integrator : RTE

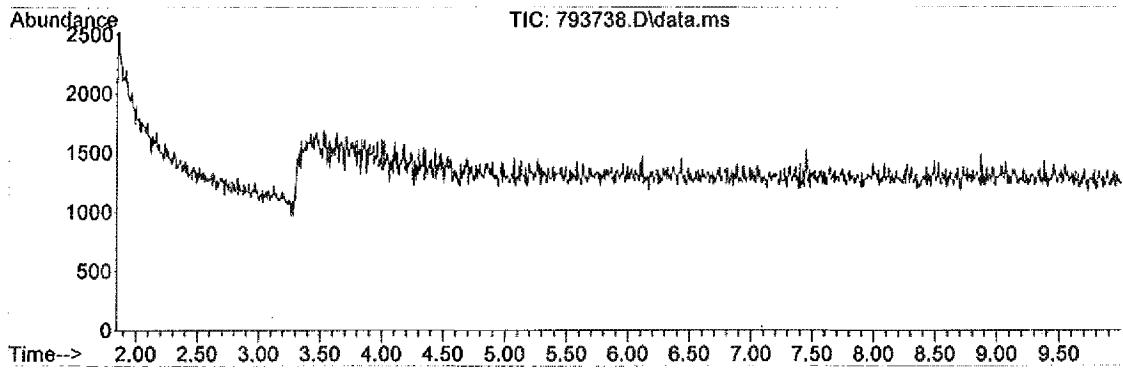
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.29	C:\Database\NIST08.L		
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99



Information from Data File:

File Name : K:\06_27_11\793738.D
Operator : NEM
Date Acquired : 27 Jun 2011 23:09
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



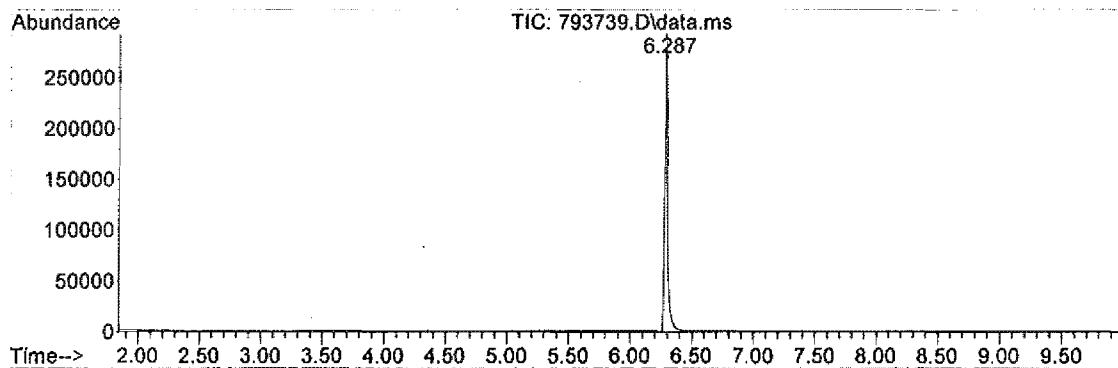
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793739.D
Operator : NEM
Date Acquired : 27 Jun 2011 23:22
Sample Name : OXYCODONE STD
Submitted by :
Vial Number : 6
AcquisitionMeth: DRUGS.M
Integrator : RTE



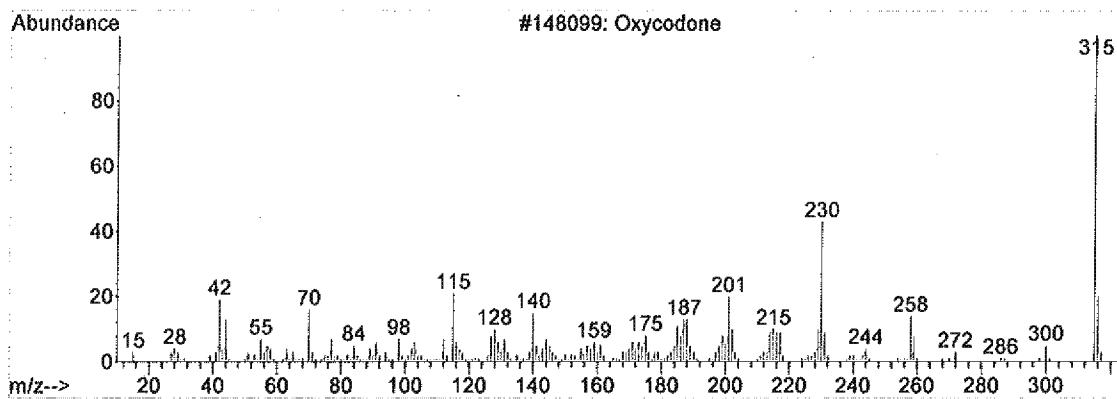
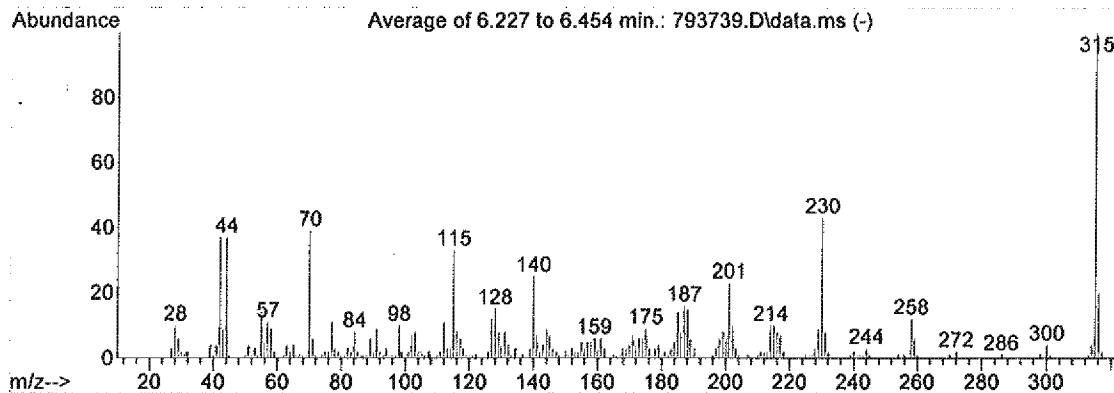
Ret. Time	Area	Area %	Ratio %
6.287	440886	100.00	100.00

Information from Data File:

File Name : K:\06_27_11\793739.D
Operator : NEM
Date Acquired : 27 Jun 2011 23:22
Sample Name : OXYCODONE STD
Submitted by :
Vial Number : 6
AcquisitionMeth: DRUGS.M
Integrator : RTE

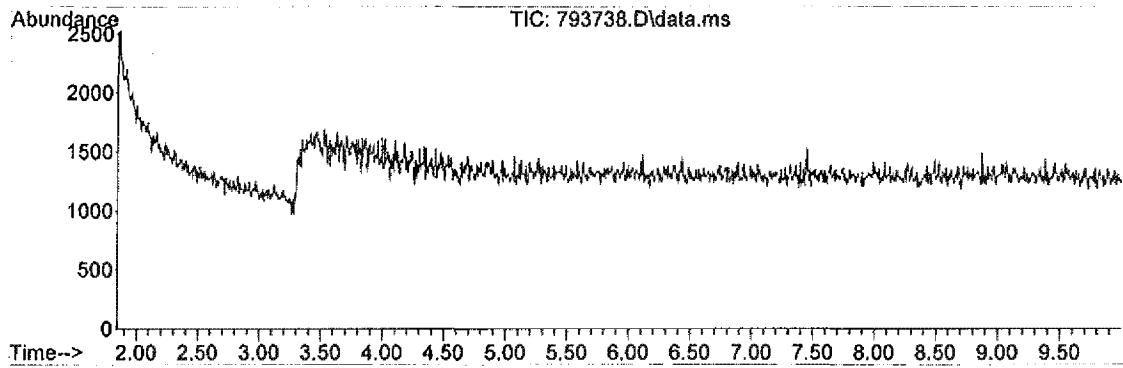
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.29	C:\Database\NIST08.L		
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99



Information from Data File:

File Name : K:\06_27_11\793738.D
Operator : NEM
Date Acquired : 27 Jun 2011 23:09
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

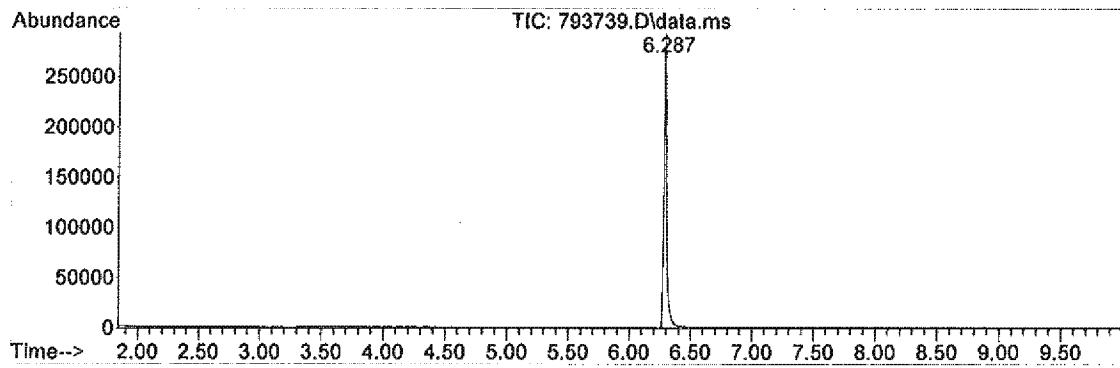


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : K:\06_27_11\793739.D
Operator : NEM
Date Acquired : 27 Jun 2011 23:22
Sample Name : OXYCODONE STD
Submitted by :
Vial Number : 6
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.287	440886	100.00	100.00

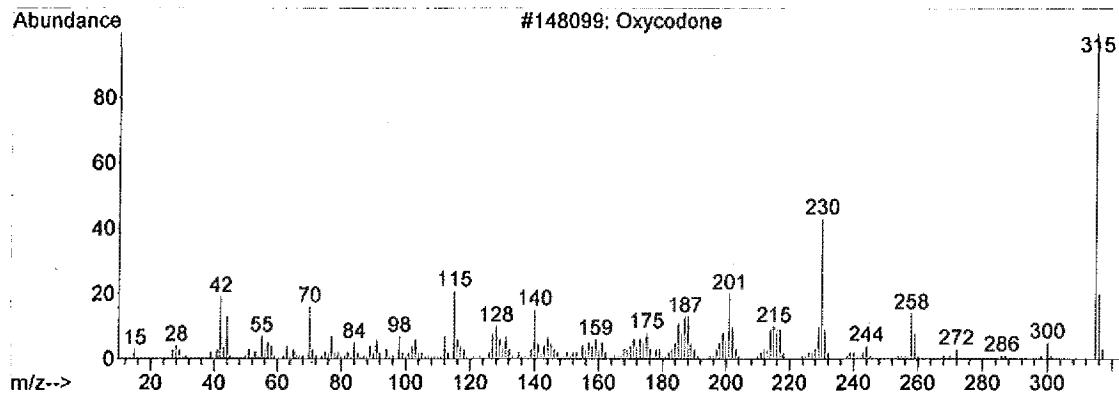
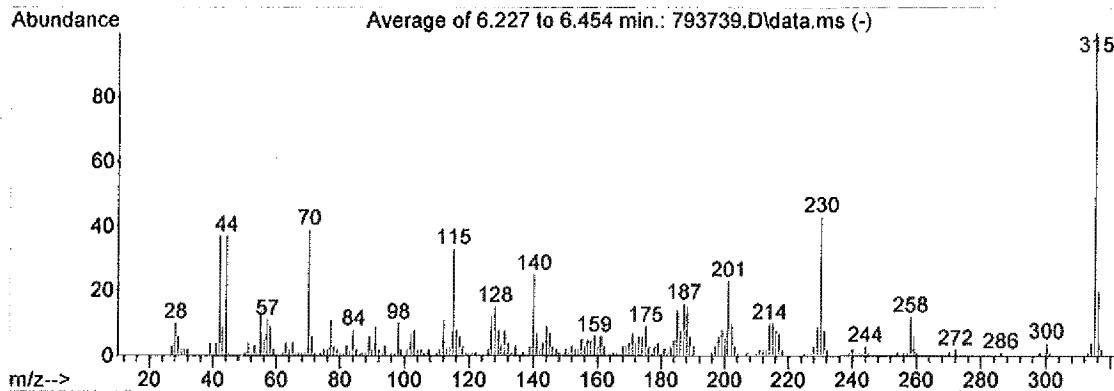
Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793739.D
Operator : NEM
Date Acquired : 27 Jun 2011 23:22
Sample Name : OXYCODONE STD
Submitted by :
Vial Number : 6
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

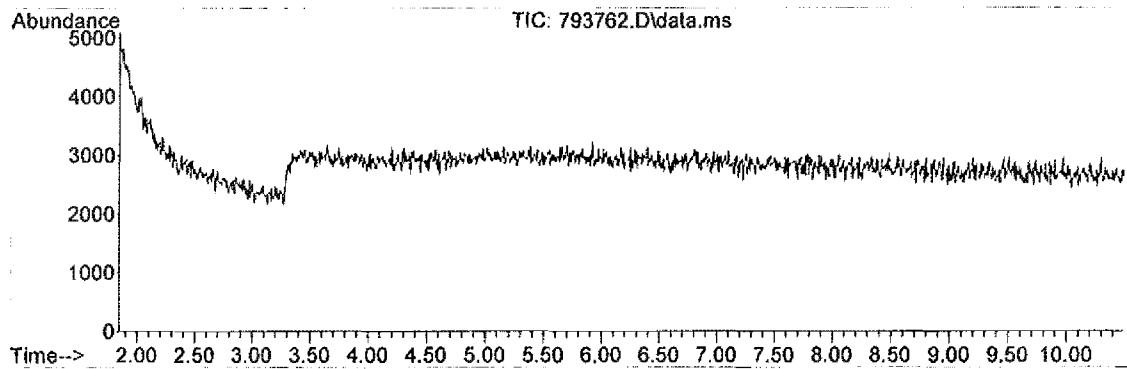
PK#	RT	Library/ID	CAS#	Qual
1	6.29	C:\Database\NIST08.L		
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99



D-27-11
NEM ✓

Information from Data File:

File Name : K:\06_27_11\793762.D
Operator : NEM
Date Acquired : 28 Jun 2011 4:24
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: CLONAZ.M
Integrator : RTE



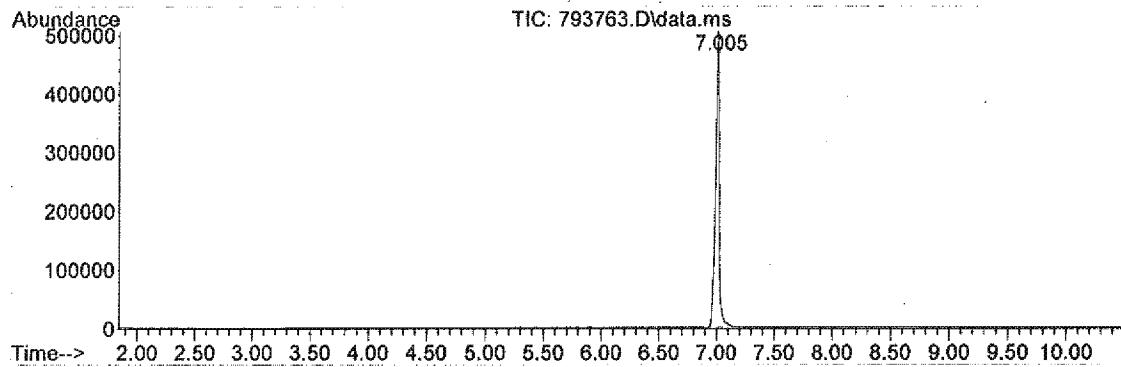
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793763.D
Operator : NEM
Date Acquired : 28 Jun 2011 4:37
Sample Name : CLONAZAPAM STD
Submitted by :
Vial Number : 63
AcquisitionMeth: CLONAZ.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
7.005	1139541	100.00	100.00

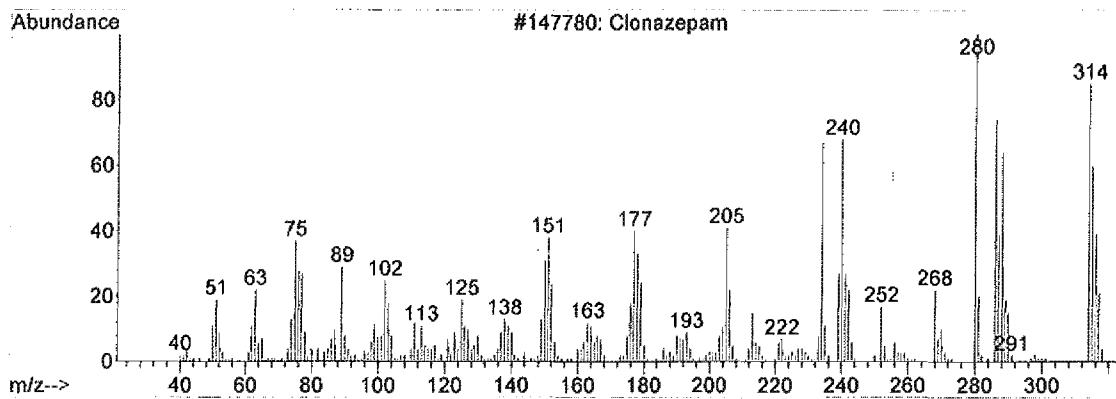
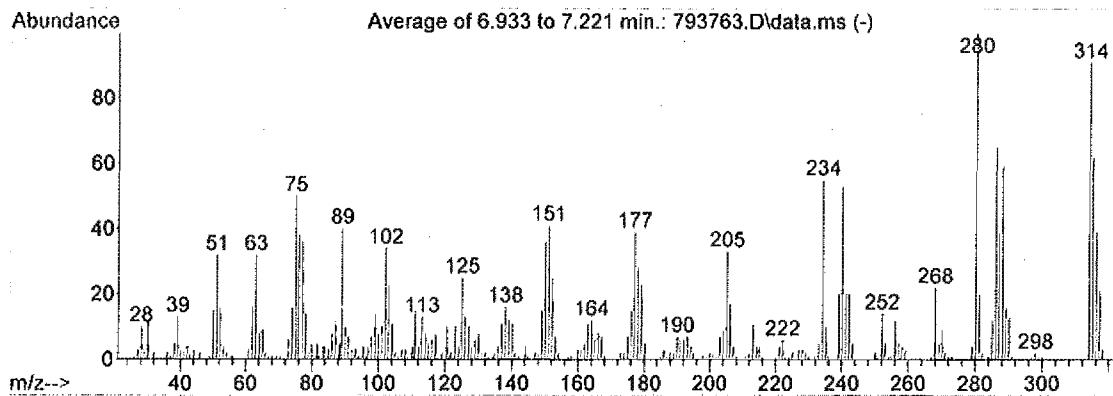
Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793763.D
Operator : NEM
Date Acquired : 28 Jun 2011 4:37
Sample Name : CLONAZAPAM STD
Submitted by :
Vial Number : 63
AcquisitionMeth: CLONAZ.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	7.00	C:\Database\NIST08.L		
		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99

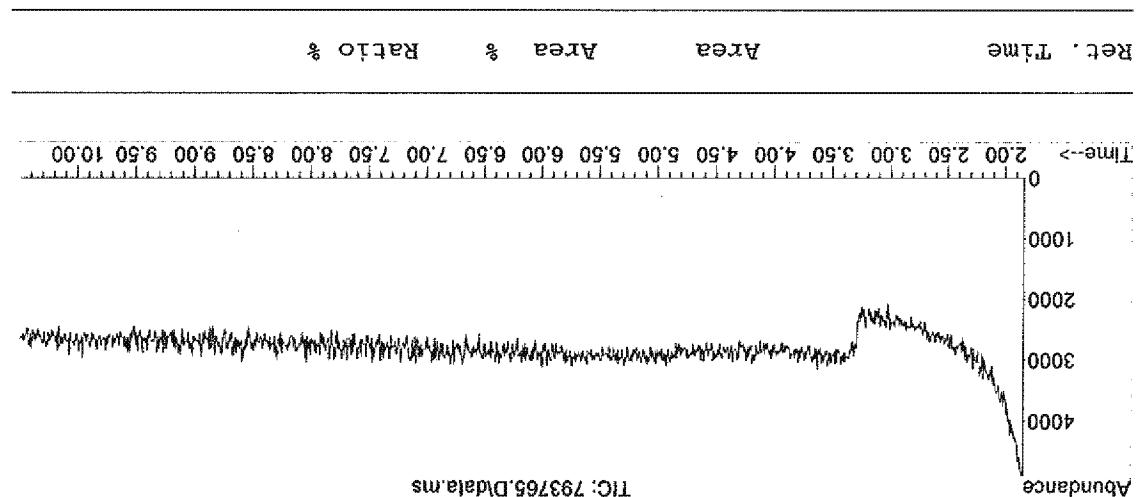


793765.D

Thu Oct 27 12:44:17 2011

Page 1

NO INTEGRATED PEAKS

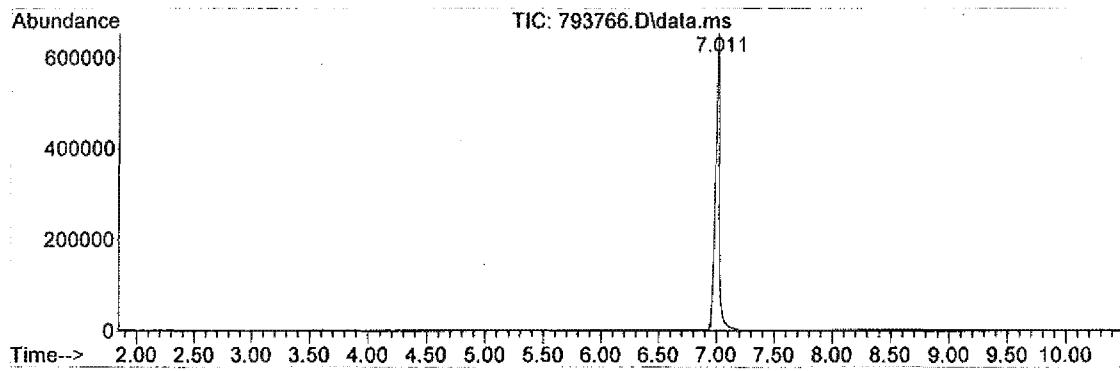


Information from Data File: 793765.D

File Name : K:\06_27_11\793765.D
Operator : NEM
Date Acquired : 28 Jun 2011 5:04
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
Acquisition Method: CLONAZ.M
Integrator : RTE

Information from Data File:

File Name : K:\06_27_11\793766.D
Operator : NEM
Date Acquired : 28 Jun 2011 5:17
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 66
AcquisitionMeth: CLONAZ.M
Integrator : RTE



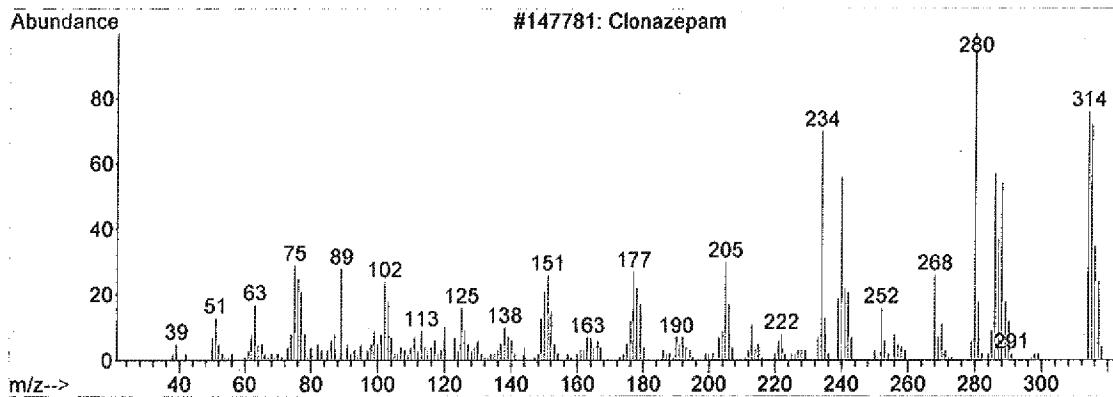
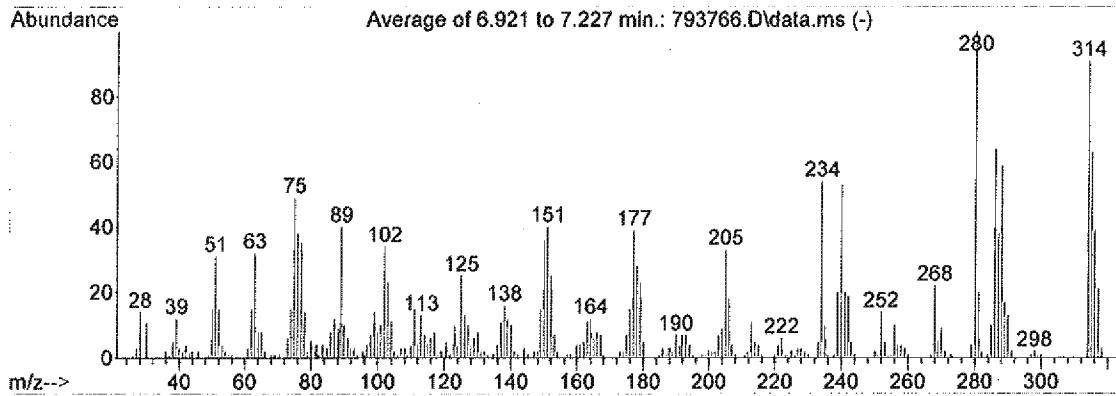
Ret. Time	Area	Area %	Ratio %
7.011	1567522	100.00	100.00

Information from Data File:

File Name : K:\06_27_11\793766.D
Operator : NEM
Date Acquired : 28 Jun 2011 5:17
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 66
AcquisitionMeth: CLONAZ.M
Integrator : RTE

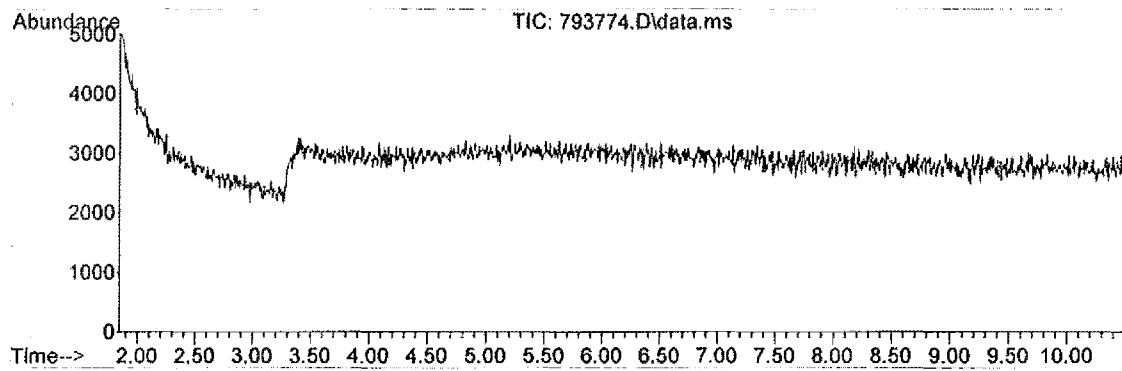
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	7.01	C:\Database\NIST08.L		
		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99



Information from Data File:

File Name : K:\06_27_11\793774.D
Operator : NEM
Date Acquired : 28 Jun 2011 7:04
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: CLONAZ.M
Integrator : RTE



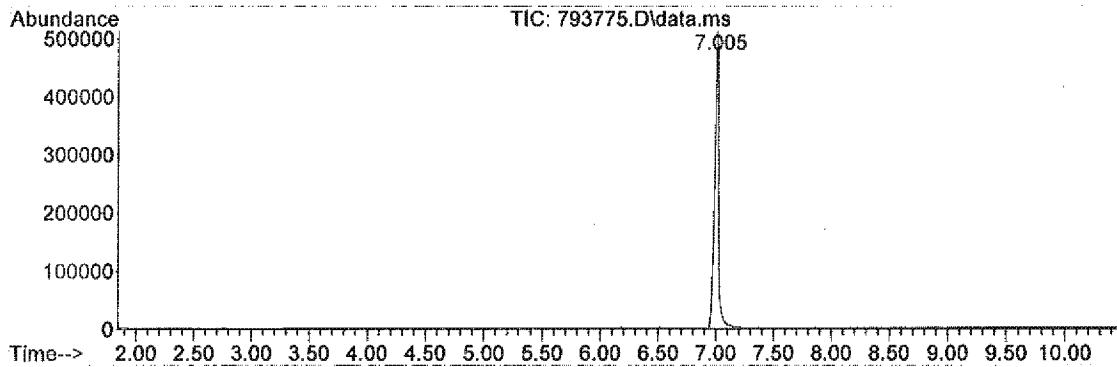
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793775.D
Operator : NEM
Date Acquired : 28 Jun 2011 7:17
Sample Name : CLONAZAPAM STD
Submitted by :
Vial Number : 63
AcquisitionMeth: CLONAZ.M
Integrator : RTE



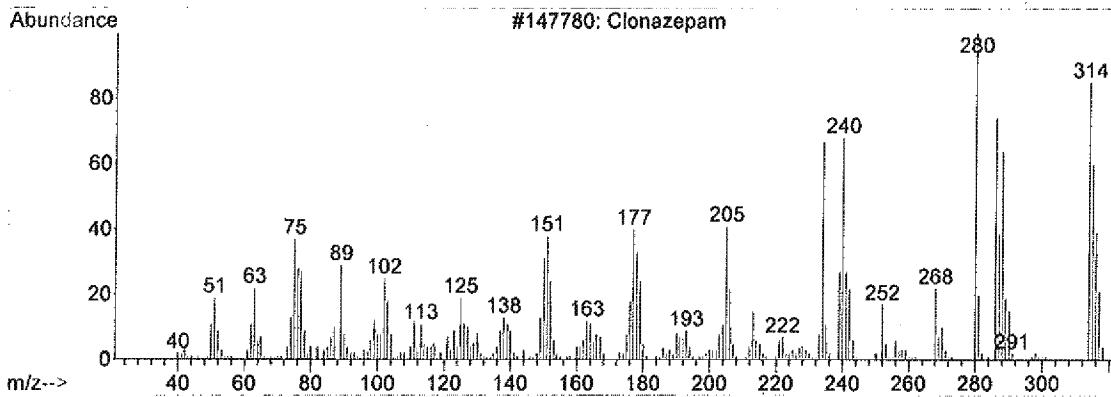
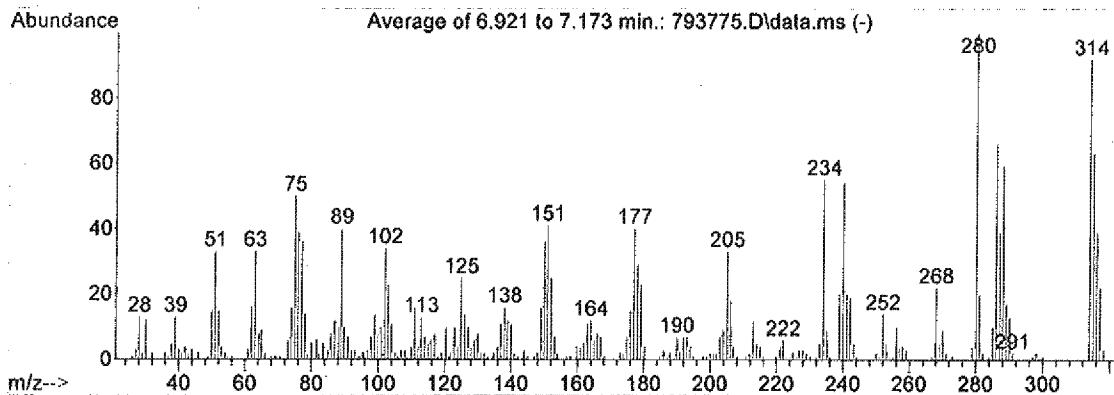
Ret. Time	Area	Area %	Ratio %
7.005	1203571	100.00	100.00

Information from Data File:

File Name : K:\06_27_11\793775.D
Operator : NEM
Date Acquired : 28 Jun 2011 7:17
Sample Name : CLONAZAPAM STD
Submitted by :
Vial Number : 63
AcquisitionMeth: CLONAZ.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	7.01	C:\Database\NIST08.L		
		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99

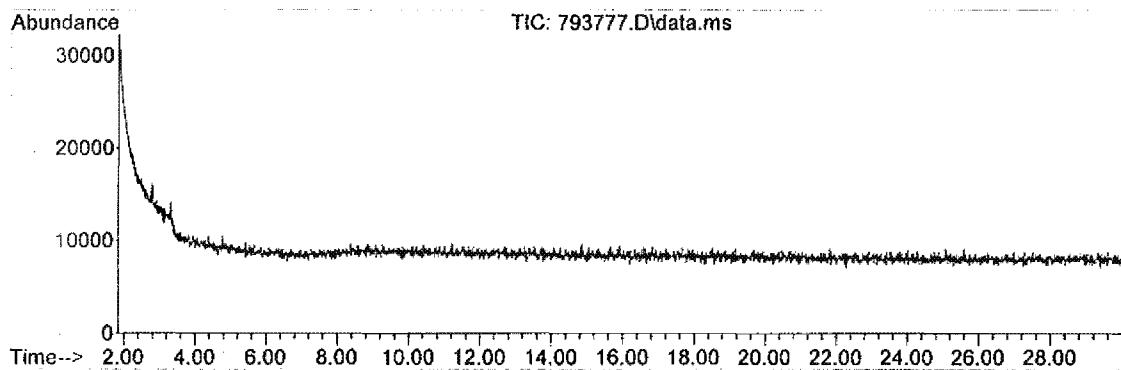


10-27-11

NEM ✓

Information from Data File:

File Name : K:\06_27_11\793777.D
Operator : NEM
Date Acquired : 28 Jun 2011 7:44
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: WSCREEN.M
Integrator : RTE

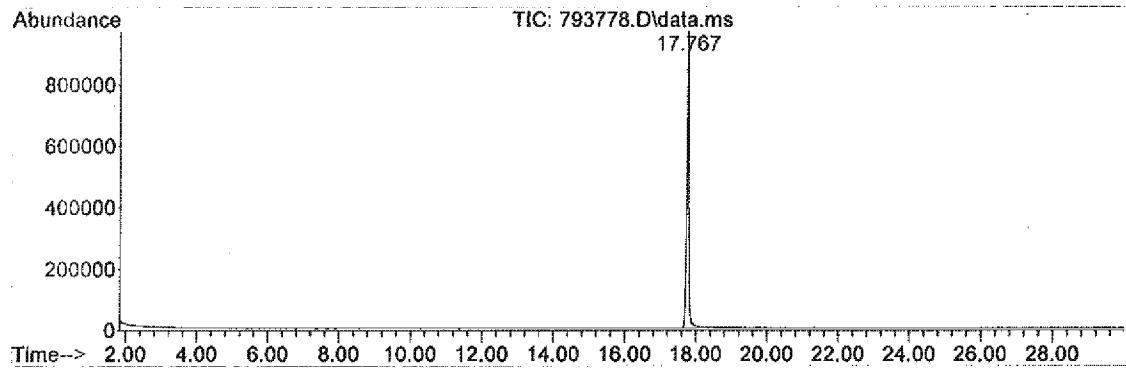


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : K:\06_27_11\793778.D
Operator : NEM
Date Acquired : 28 Jun 2011 8:18
Sample Name : BUPRENORPHINE STD
Submitted by :
Vial Number : 78
AcquisitionMeth: WSCREEN.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
17.767	3803480	100.00	100.00

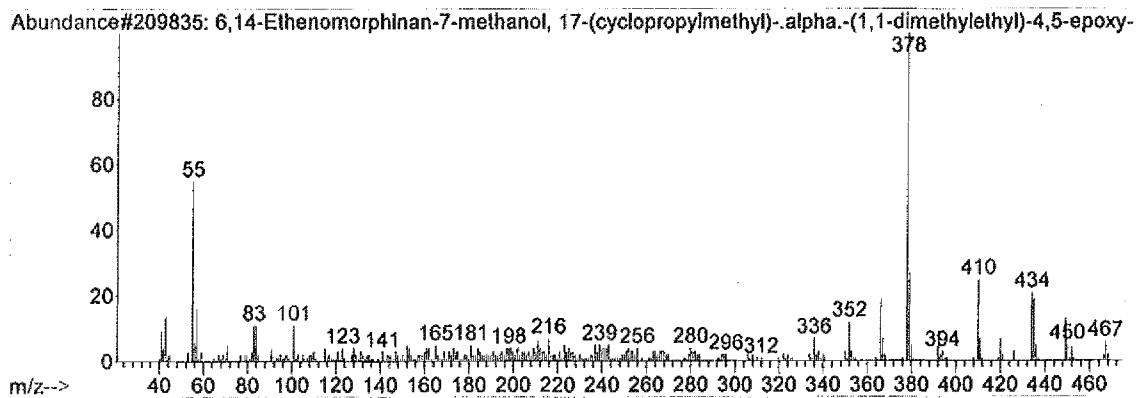
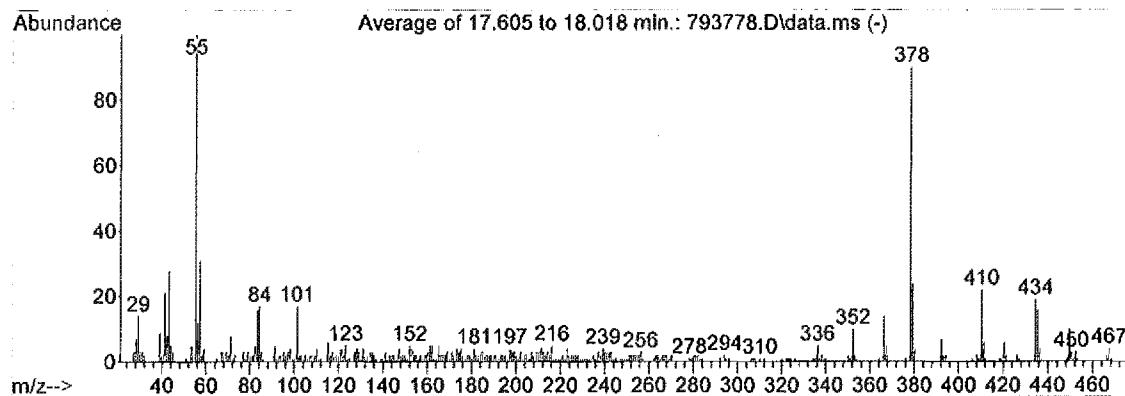
Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793778.D
 Operator : NEM
 Date Acquired : 28 Jun 2011 8:18
 Sample Name : BUPRENORPHINE STD
 Submitted by :
 Vial Number : 78
 AcquisitionMeth: WSCREEN.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

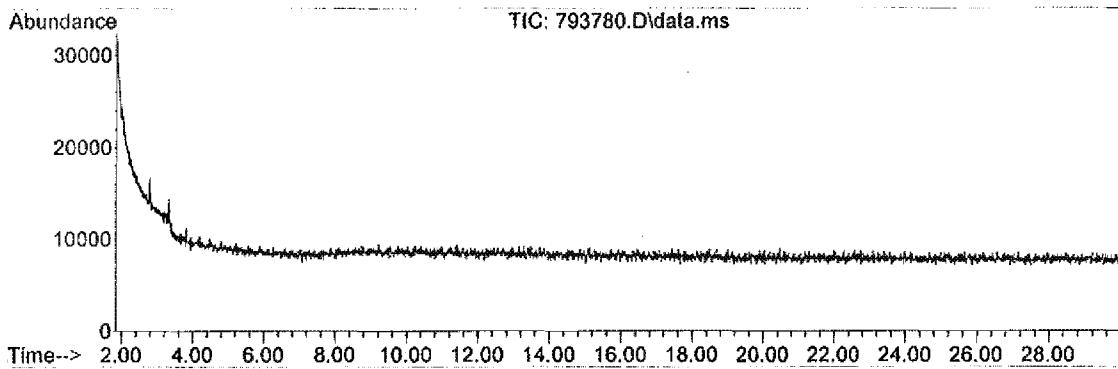
PK#	RT	Library/ID	CAS#	Qual
1	17.77	C:\Database\NIST08.L		
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	99
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	99
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	92



Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793780.D
Operator : NEM
Date Acquired : 28 Jun 2011 9:24
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: WSCREEN.M
Integrator : RTE

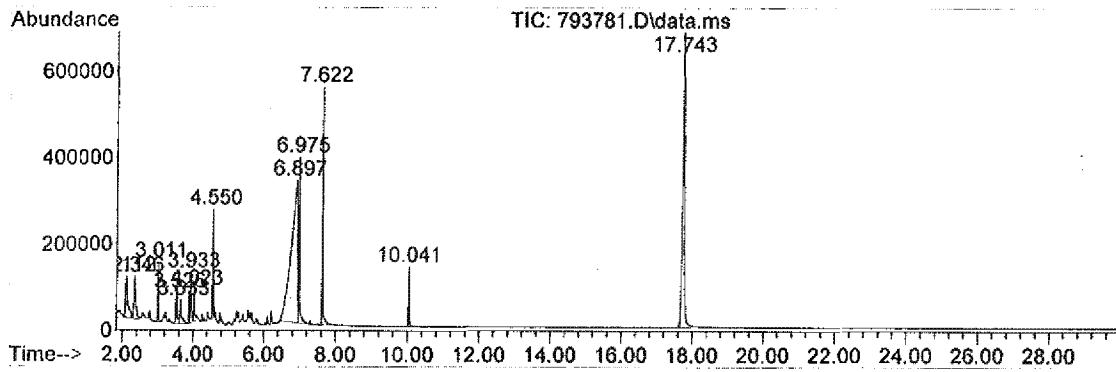


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : K:\06_27_11\793781.D
Operator : NEM
Date Acquired : 28 Jun 2011 9:57
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 81
AcquisitionMeth: WSCREEN.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.112	447836	4.51	11.21
2.346	359606	3.62	9.00
3.011	226845	2.29	5.68
3.526	179801	1.81	4.50
3.633	173012	1.74	4.33
3.933	205238	2.07	5.14
4.023	123876	1.25	3.10
4.550	294397	2.97	7.37
6.897	3994413	40.25	100.00
6.975	463406	4.67	11.60
7.622	632733	6.38	15.84
10.041	223774	2.25	5.60
17.743	2599072	26.19	65.07

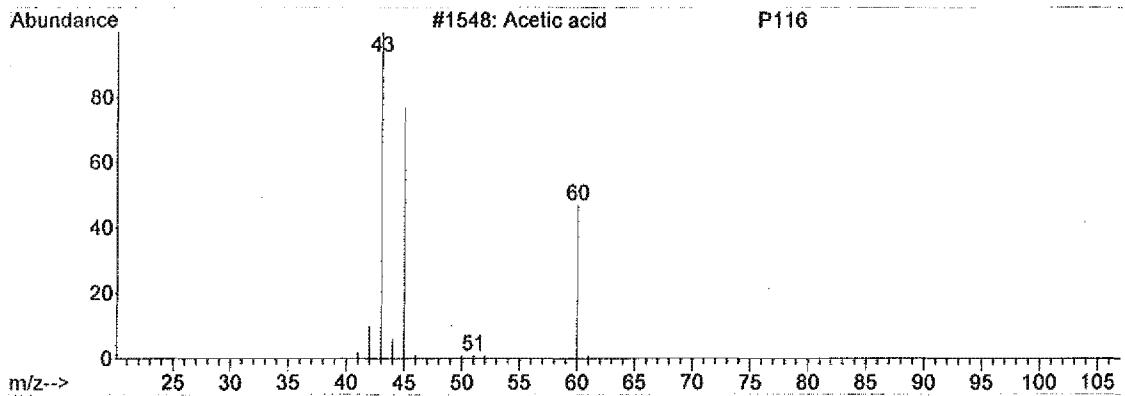
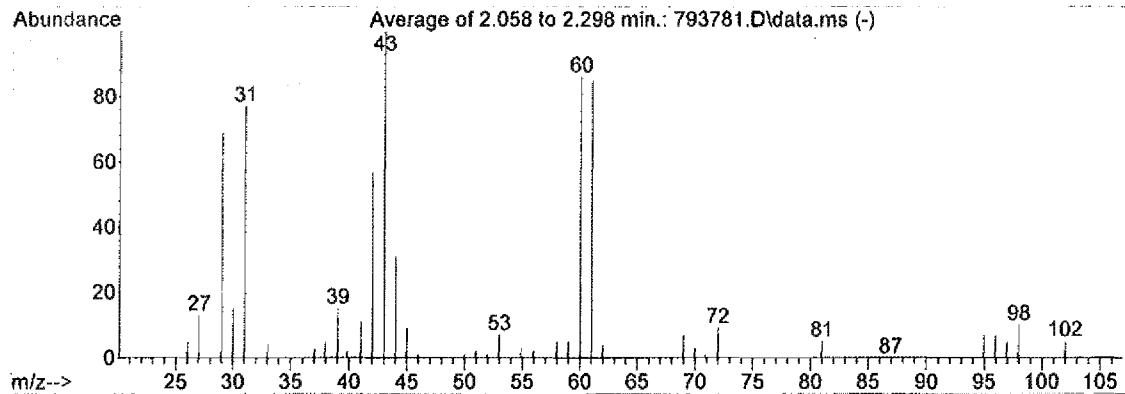
Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793781.D
 Operator : NEM
 Date Acquired : 28 Jun 2011 9:57
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 81
 AcquisitionMeth: WSCREEN.M
 Integrator : RTE

Search Libraries:	C:\Database\SLI.L	Minimum Quality: 80
	C:\Database\NIST08.L	Minimum Quality: 80
	C:\Database\PMW_TOX2.L	

PK#	RT	Library/ID	CAS#	Qual
1	2.11	C:\Database\PMW_TOX2.L		
		Acetic acid	000064-19-7	4
		Acetic acid anhydride	000108-24-7	4
		Metobromuron	003060-89-7	1



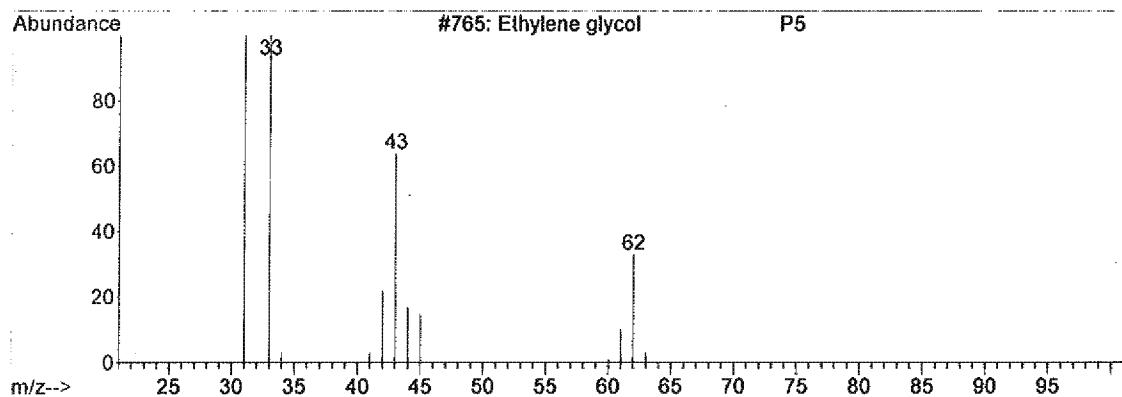
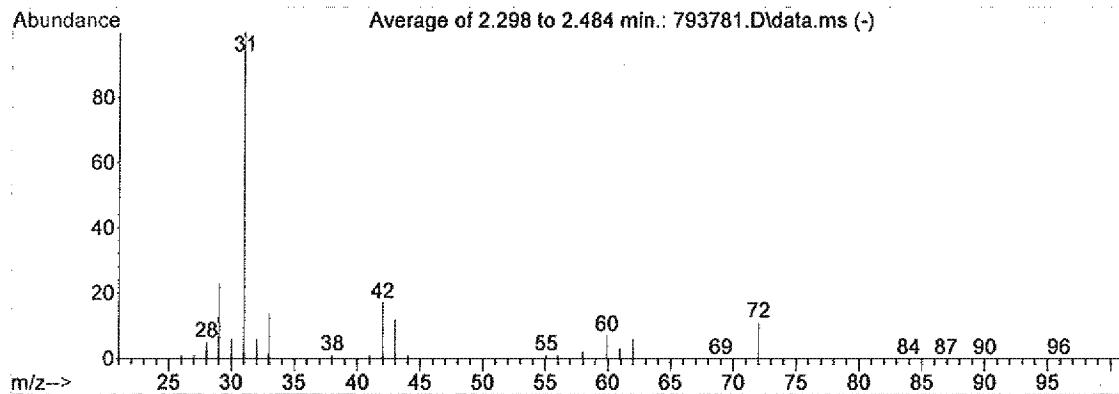
Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793781.D
Operator : NEM
Date Acquired : 28 Jun 2011 9:57
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 81
AcquisitionMeth: WSCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.35	C:\Database\PMW_TOX2.L		
		Ethylene glycol	000107-21-1	9
		Clopyralide ME	000000-00-0	1
		Propranolol-M -H2O isomer-2 2AC	000000-00-0	1

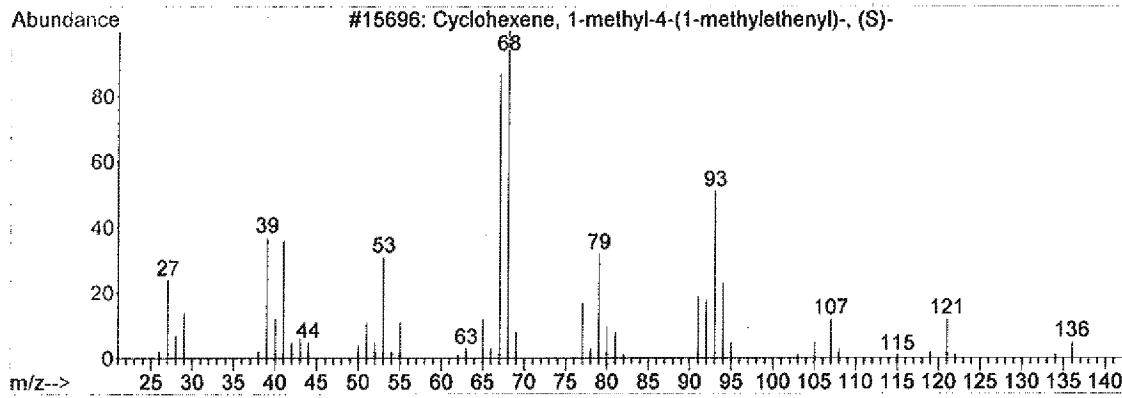
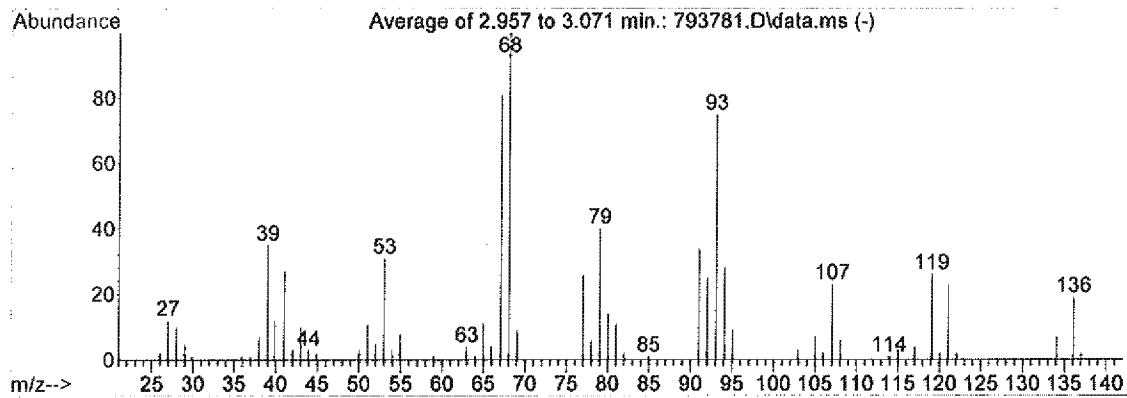


Information from Data File:

File Name : K:\06_27_11\793781.D
 Operator : NEM
 Date Acquired : 28 Jun 2011 9:57
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 81
 AcquisitionMeth: WSCREEN.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	3.01	C:\Database\NIST08.L		
		Cyclohexene, 1-methyl-4-(1-methylethyl)	005989-54-8	94
		D-Limonene	005989-27-5	94
		D-Limonene	005989-27-5	93



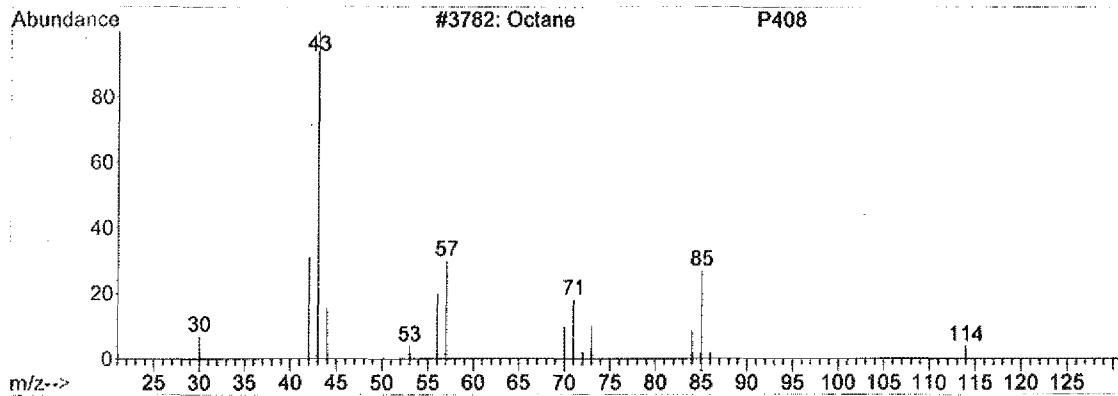
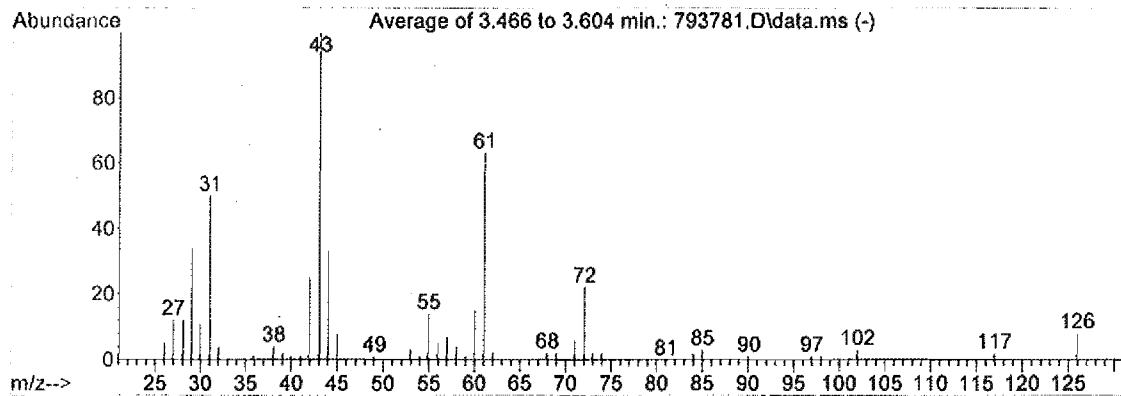
Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793781.D
Operator : NEM
Date Acquired : 28 Jun 2011 9:57
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 81
AcquisitionMeth: WSCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	3.53	C:\Database\PMW_TOX2.L		
		Octane	000111-65-9	4
		Monolinuron	001746-81-2	4
		Acetic acid anhydride	000108-24-7	4

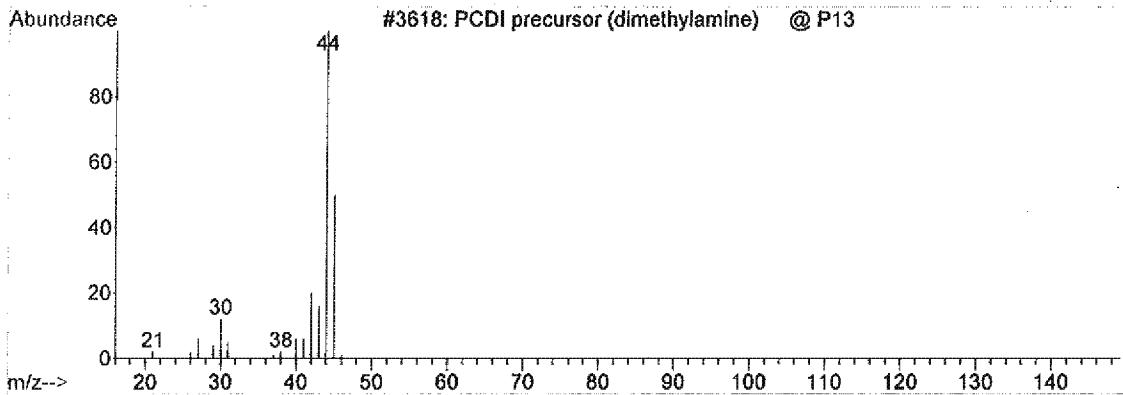
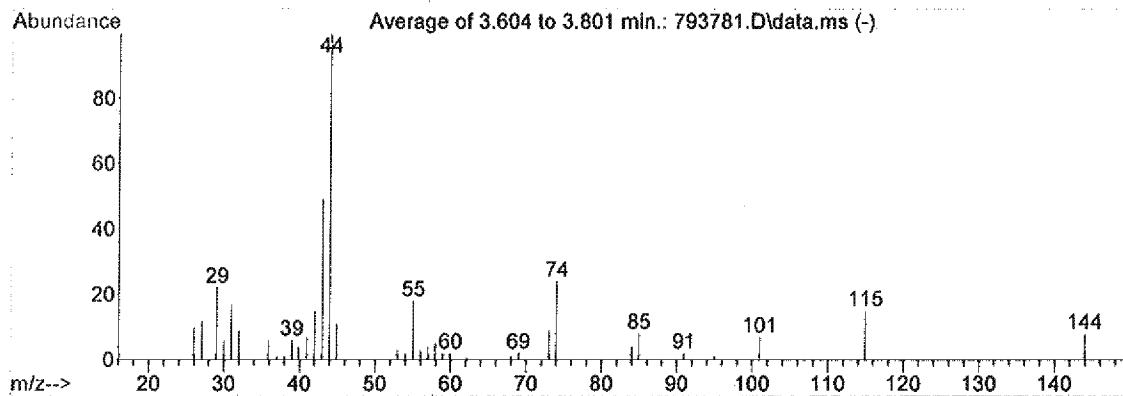


Information from Data File:

File Name : K:\06_27_11\793781.D
Operator : NEM
Date Acquired : 28 Jun 2011 9:57
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 81
AcquisitionMeth: WSCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
5	3.63	C:\Database\PMW_TOX2.L		
		PCDI precursor (dimethylamine)	000124-40-3	3
		Air	000000-00-0	2
		Air with Helium and Water	000000-00-0	1

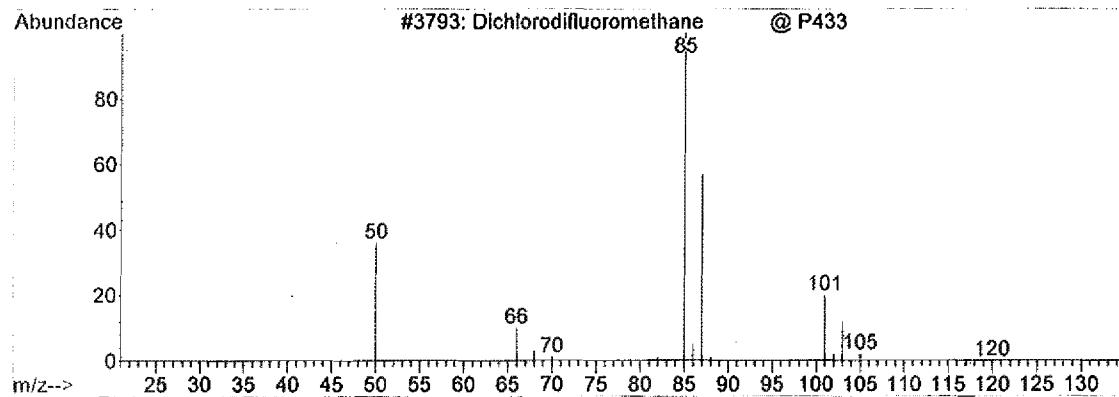
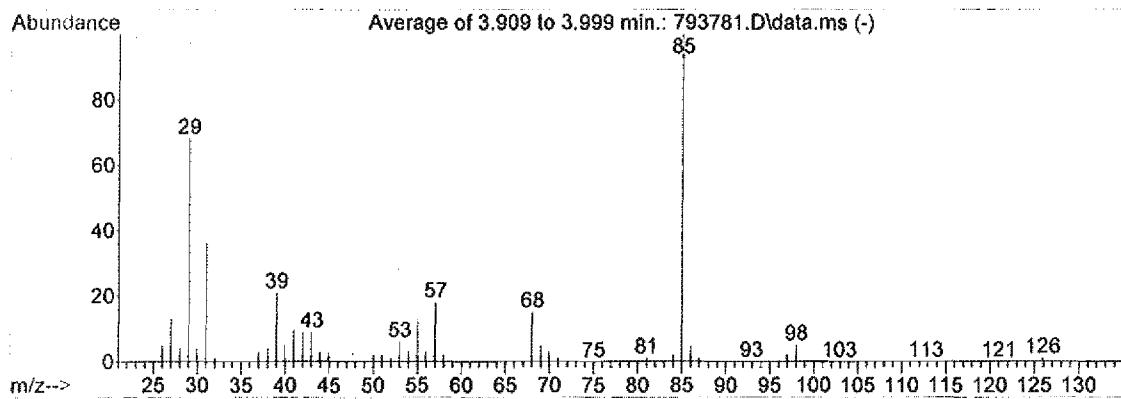


Information from Data File:

File Name : K:\06_27_11\793781.D
Operator : NEM
Date Acquired : 28 Jun 2011 9:57
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 81
AcquisitionMeth: WSCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
6	3.93	C:\Database\PMW_TOX2.L		
		Dichlorodifluoromethane	@ 000075-71-8	1
		Mefruside ME	000000-00-0	1
		Mefruside 2ME	000000-00-0	1

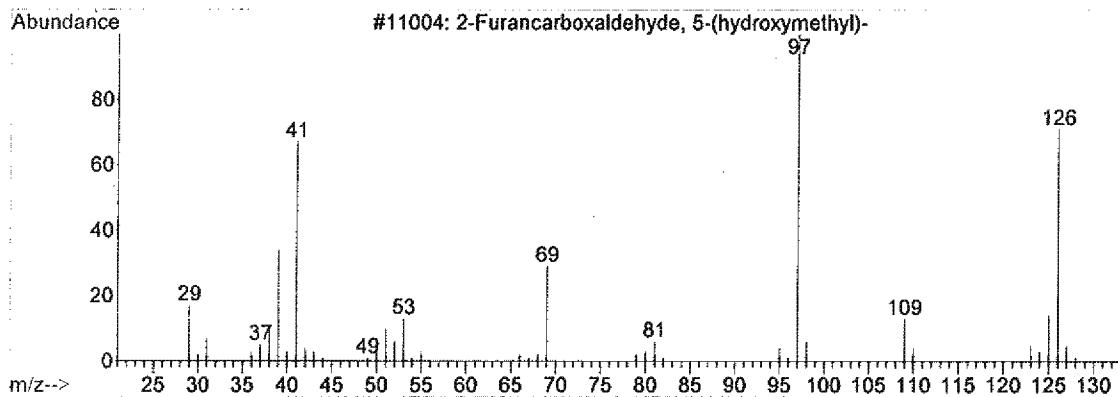
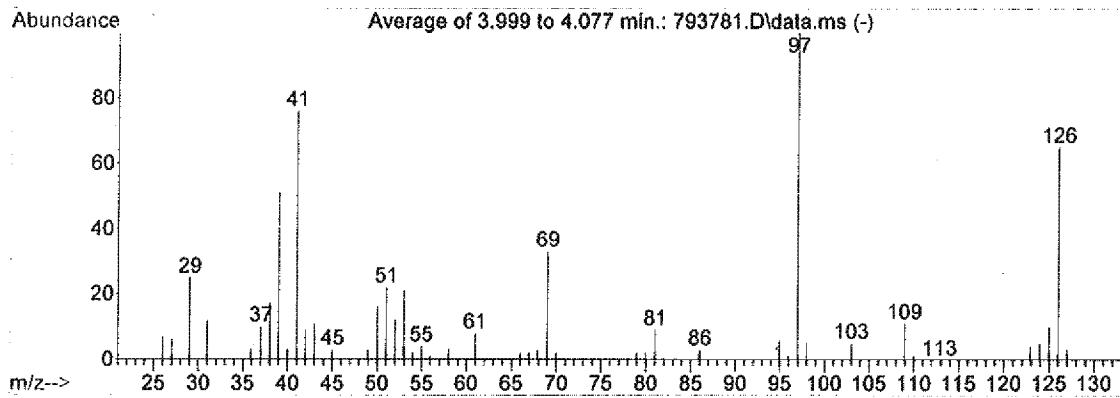


Information from Data File:

File Name : K:\06_27_11\793781.D
Operator : NEM
Date Acquired : 28 Jun 2011 9:57
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 81
AcquisitionMeth: WSCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
7	4.02	C:\Database\NIST08.L		
		2-Furancarboxaldehyde, 5-(hydroxymethyl)-	000067-47-0	81
		Benzene-methanol, 3-fluoro-	000456-47-3	32
		2-Cyclopenten-1-one, 5-hydroxy-2,3-	058649-31-3	32



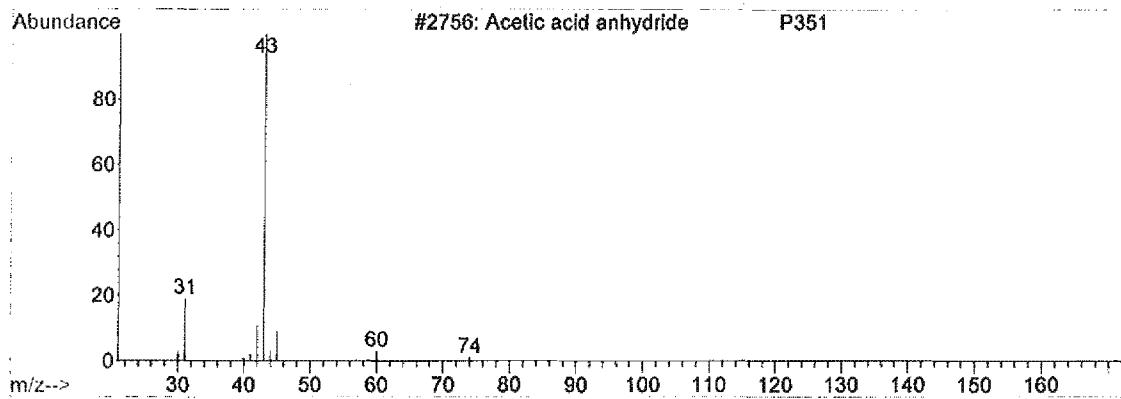
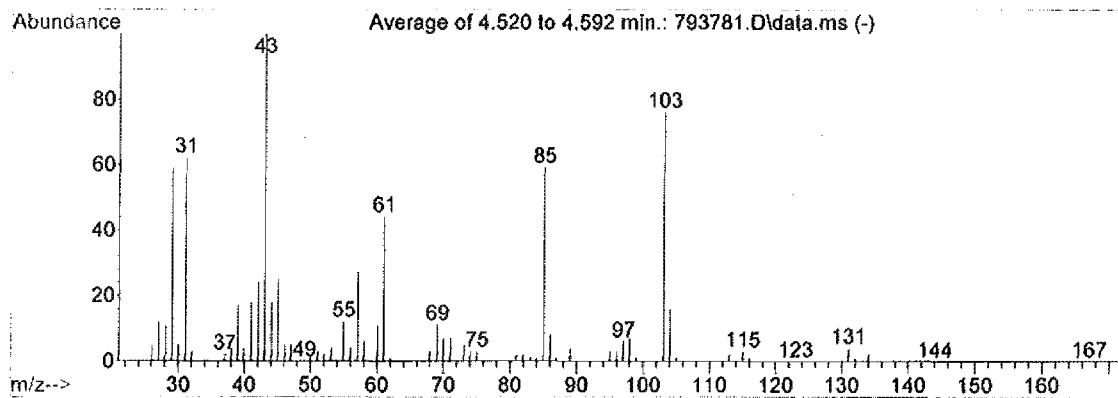
Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793781.D
Operator : NEM
Date Acquired : 28 Jun 2011 9:57
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 81
AcquisitionMeth: WSCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
8	4.55	C:\Database\PMW_TOX2.L		
		Acetic acid anhydride	000108-24-7	9
		Ethylacetate	@ 000141-78-6	4
		Nifenalol artifact	000000-00-0	2



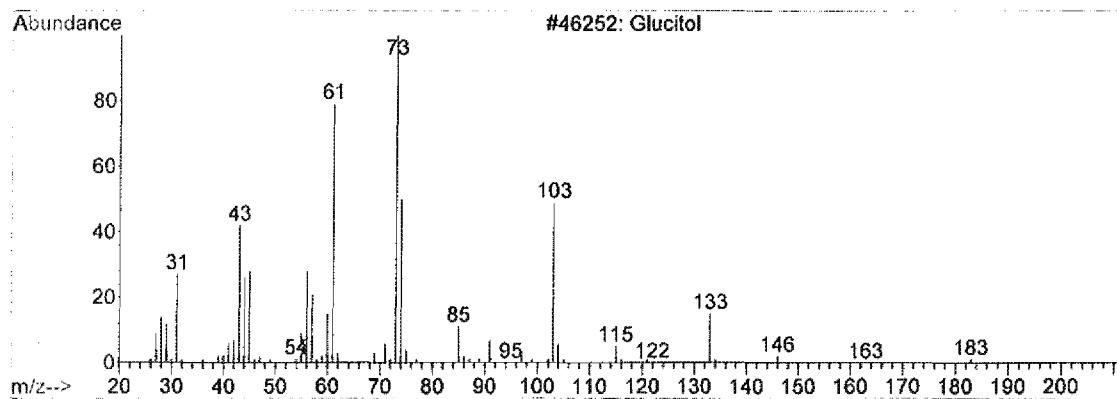
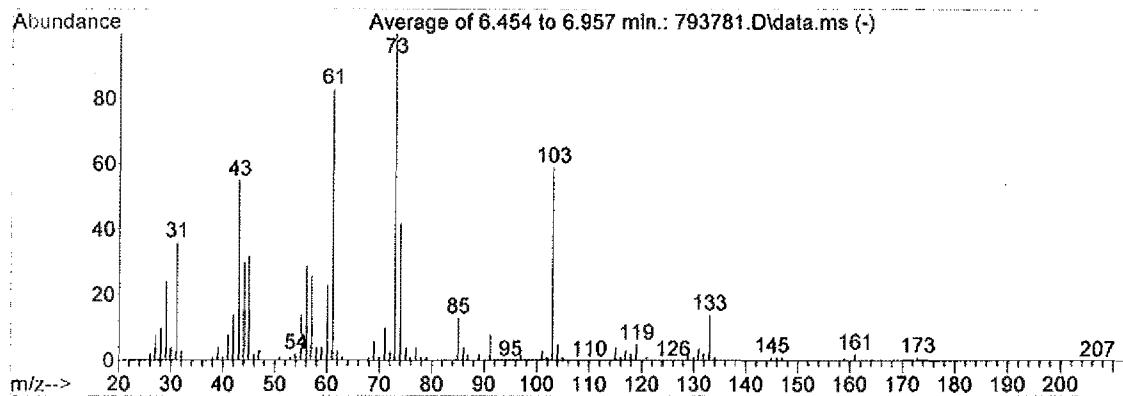
Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793781.D
Operator : NEM
Date Acquired : 28 Jun 2011 9:57
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 81
AcquisitionMeth: WSCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
9	6.90	C:\Database\NIST08.L		
		Glucitol	026566-34-7	91
		Sorbitol	000050-70-4	90
		D-Mannitol	000069-65-8	90



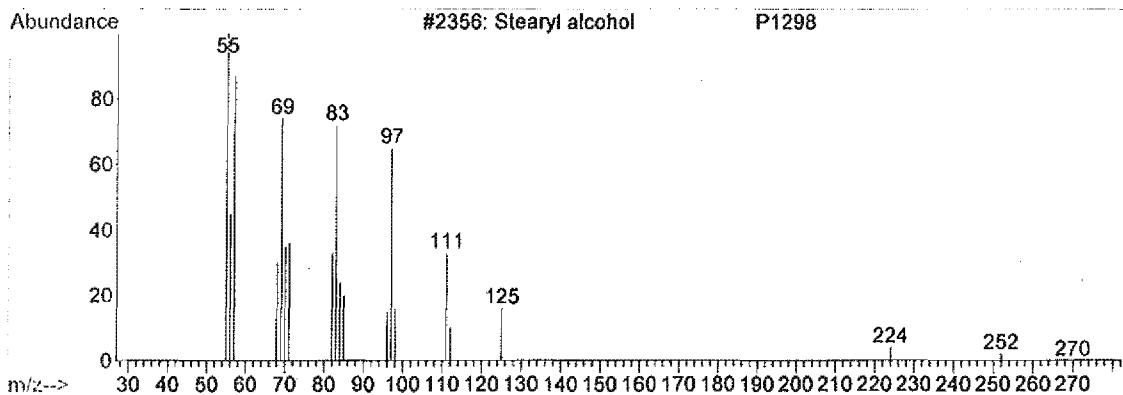
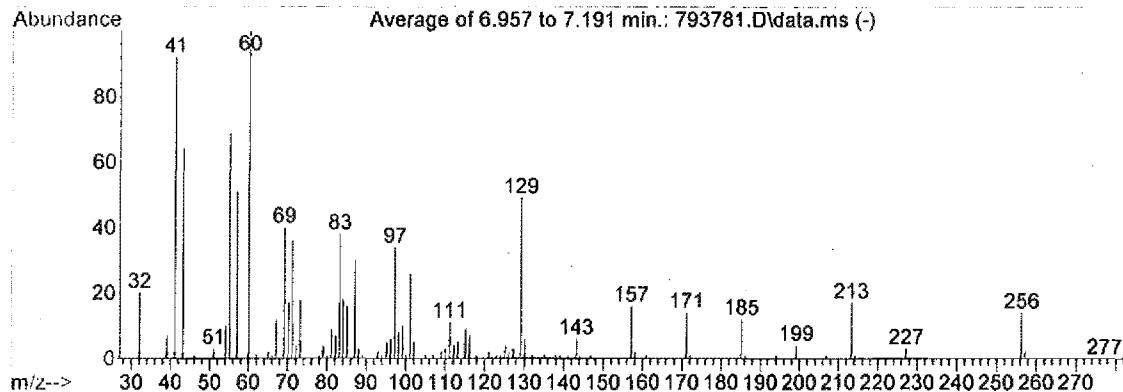
Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793781.D
 Operator : NEM
 Date Acquired : 28 Jun 2011 9:57
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 81
 AcquisitionMeth: WSCREEN.M
 Integrator : RTE

Search Libraries:	C:\Database\SLI.L	Minimum Quality: 80
	C:\Database\NIST08.L	Minimum Quality: 80
	C:\Database\PMW_TOX2.L	

PK#	RT	Library/ID	CAS#	Qual
10	6.98	C:\Database\PMW_TOX2.L		
		Stearyl alcohol	000112-92-5	10
		Cyclotetradecane	000295-17-0	9
		Acetic acid	000064-19-7	3

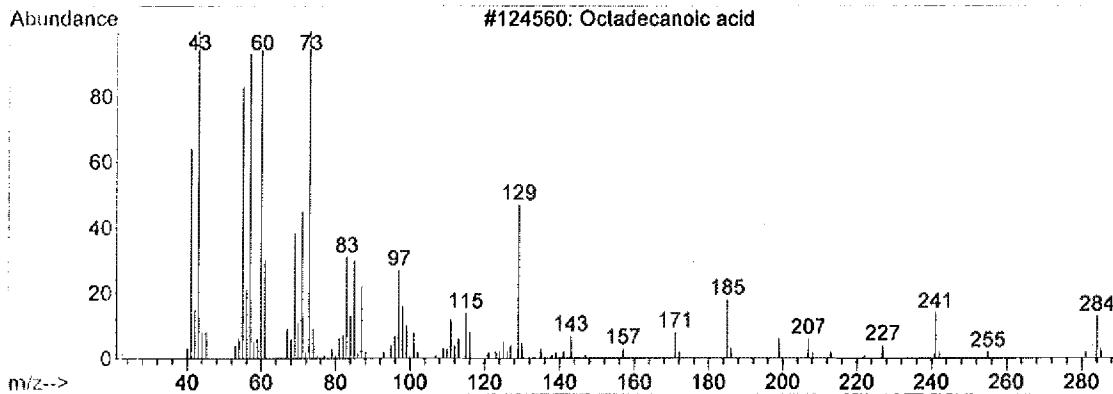
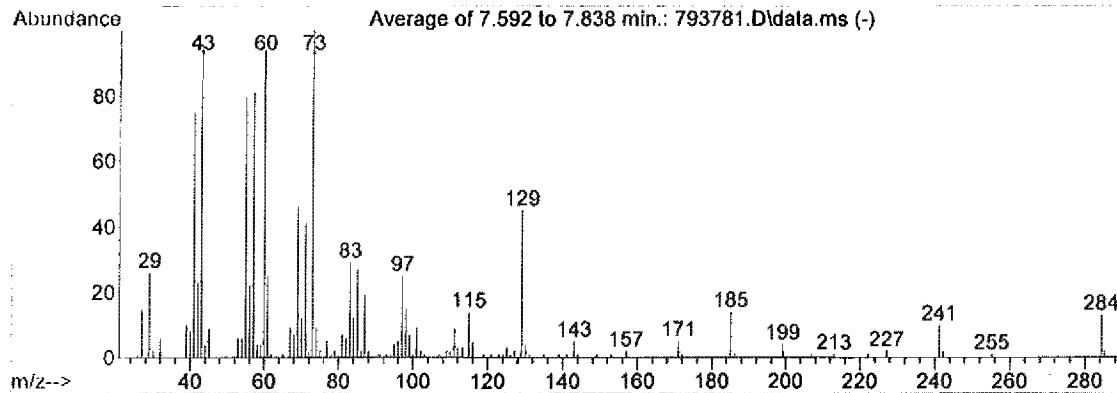


Information from Data File:

File Name : K:\06_27_11\793781.D
Operator : NEM
Date Acquired : 28 Jun 2011 9:57
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 81
AcquisitionMeth: WSCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
11	7.62	C:\Database\NIST08.L		
		Octadecanoic acid	000057-11-4	99
		Octadecanoic acid	000057-11-4	99
		Octadecanoic acid	000057-11-4	96

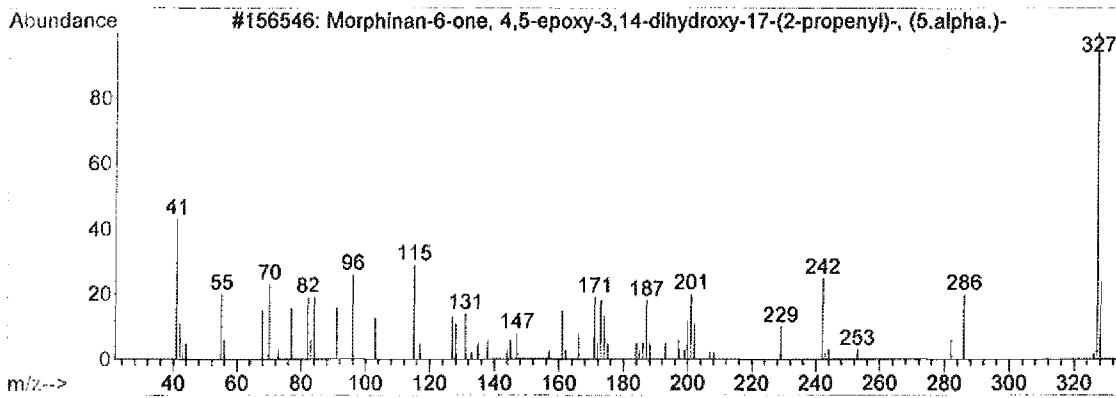
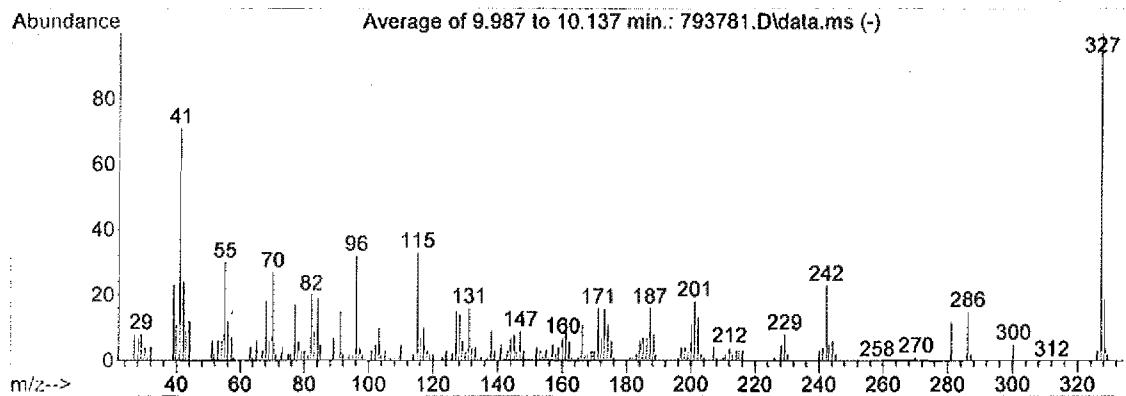


Information from Data File:

File Name : K:\06_27_11\793781.D
 Operator : NEM
 Date Acquired : 28 Jun 2011 9:57
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 81
 AcquisitionMeth: WSCREEN.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
12	10.04	C:\Database\NIST08.L		
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	99
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	83
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	58



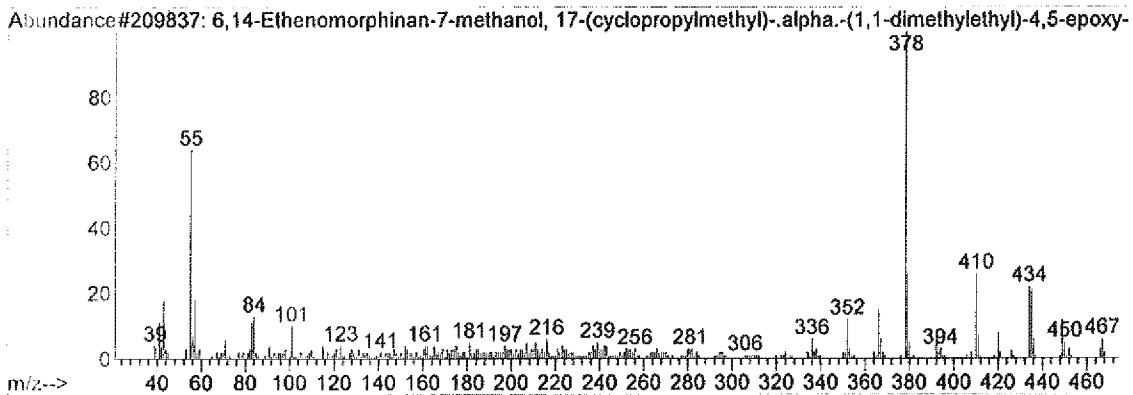
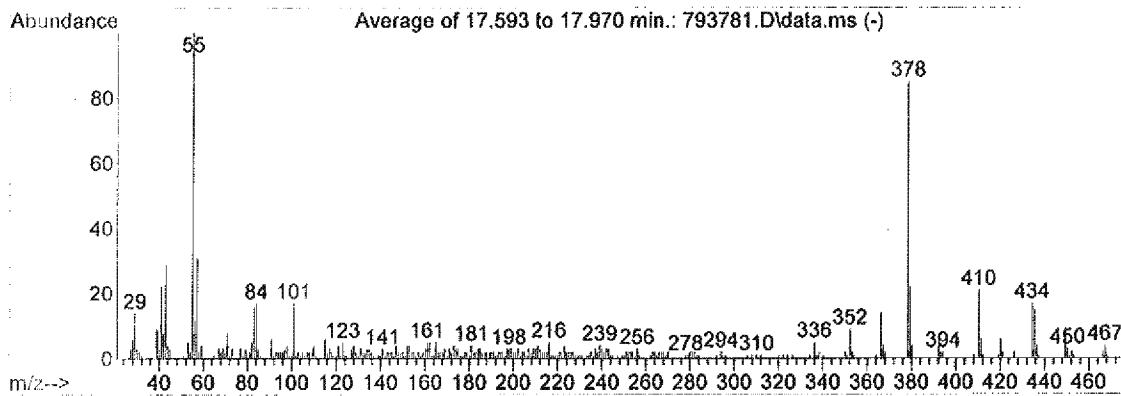
Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793781.D
Operator : NEM
Date Acquired : 28 Jun 2011 9:57
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 81
AcquisitionMeth: WSCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

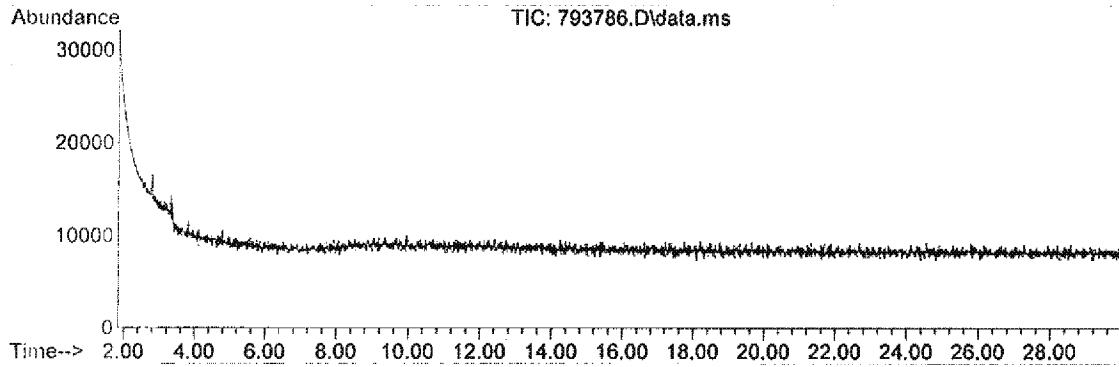
PK#	RT	Library/ID	CAS#	Qual
13	17.74	C:\Database\NIST08.L		
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	99
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	99
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	95



Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793786.D
Operator : NEM
Date Acquired : 28 Jun 2011 12:43
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: WSCREEN.M
Integrator : RTE



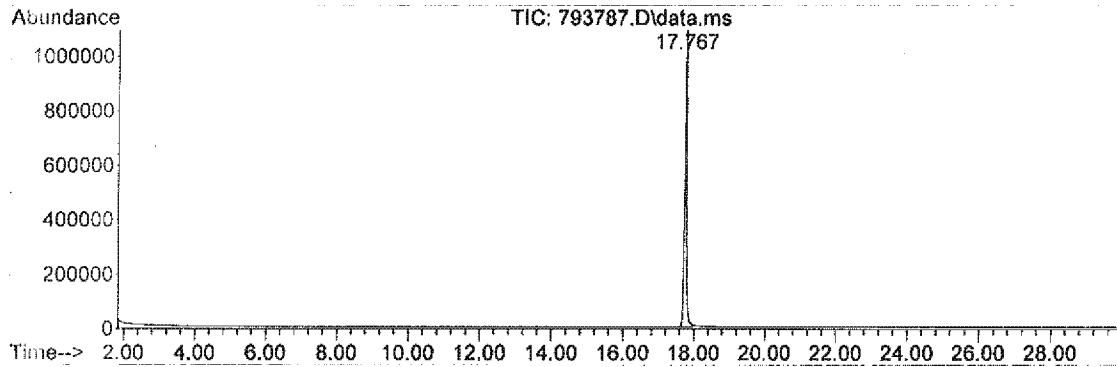
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : K:\06_27_11\793787.D
Operator : NEM
Date Acquired : 28 Jun 2011 13:16
Sample Name : BUPRENORPHINE STD
Submitted by :
Vial Number : 78
AcquisitionMeth: WSCREEN.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
17.767	4358162	100.00	100.00

Information from Data File:

File Name : K:\06_27_11\793787.D
 Operator : NEM
 Date Acquired : 28 Jun 2011 13:16
 Sample Name : BUPRENORPHINE STD
 Submitted by :
 Vial Number : 78
 AcquisitionMeth: WSCREEN.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	17.77	C:\Database\NIST08.L		
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	99
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	99
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	95

